

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
 Data File : BF129482.D
 Acq On : 01 Aug 2022 19:55
 Operator : CG\JU
 Sample : N3896-08MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-65MSD

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo

Quant Time: Aug 02 01:17:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 01:11:25 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							08/02/2022
1) 1,4-Dichlorobenzene-d4	6.875	152	168003	20.000	ng	0.00	Supervised By :Jagrut padhyay
21) Naphthalene-d8	8.157	136	653927	20.000	ng	0.00	
39) Acenaphthene-d10	9.916	164	301428	20.000	ng	0.00	
64) Phenanthrene-d10	11.404	188	398131	20.000	ng	0.00	
76) Chrysene-d12	14.051	240	308524	20.000	ng	0.00	
86) Perylene-d12	15.533	264	358882	20.000	ng	0.00	08/02/2022
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	1200871	116.439	ng	0.02	
7) Phenol-d6	6.528	99	1489145	114.875	ng	0.00	
23) Nitrobenzene-d5	7.445	82	943404	78.754	ng	0.00	
42) 2,4,6-Tribromophenol	10.710	330	291554	100.605	ng	0.00	
45) 2-Fluorobiphenyl	9.234	172	1631261	83.717	ng	0.00	
79) Terphenyl-d14	12.986	244	1157144	70.758	ng	0.00	
Target Compounds							Qvalue
2) 1,4-Dioxane	2.705	88	192736	41.420	ng		90
3) Pyridine	3.499	79	522949	40.469	ng		90
4) n-Nitrosodimethylamine	3.440	42	266827	47.023	ng	#	95
6) Aniline	6.546	93	573658	35.597	ng	#	57
8) 2-Chlorophenol	6.669	128	556893	49.425	ng		98
9) Benzaldehyde	6.428	77	271050	30.790	ng		96
10) Phenol	6.540	94	640445m	46.394	ng		
11) bis(2-Chloroethyl)ether	6.610	93	527474	48.181	ng		94
12) 1,3-Dichlorobenzene	6.816	146	577228	47.767	ng		99
13) 1,4-Dichlorobenzene	6.893	146	588244	47.864	ng		99
14) 1,2-Dichlorobenzene	7.045	146	560690	49.634	ng		98
15) Benzyl Alcohol	7.022	79	469826	49.973	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	725215	44.069	ng		50
17) 2-Methylphenol	7.145	107	421853	45.131	ng	#	90
18) Hexachloroethane	7.387	117	225694	48.771	ng		90
19) n-Nitroso-di-n-propyla...	7.293	70	371835	47.381	ng		92
20) 3+4-Methylphenols	7.298	107	525476	44.214	ng	#	81
22) Acetophenone	7.287	105	742763	48.787	ng		100
24) Nitrobenzene	7.463	77	568792	46.110	ng		96
25) Isophorone	7.698	82	998069	46.481	ng		99
26) 2-Nitrophenol	7.775	139	287564	47.254	ng		99
27) 2,4-Dimethylphenol	7.822	122	480782m	52.669	ng		
28) bis(2-Chloroethoxy)met...	7.904	93	623234	50.033	ng		100
29) 2,4-Dichlorophenol	8.028	162	423947	44.996	ng		98
30) 1,2,4-Trichlorobenzene	8.098	180	443081	45.434	ng		96
31) Naphthalene	8.181	128	1494230	44.975	ng		100
32) Benzoic acid	7.928	122	101113	15.322	ng		96
33) 4-Chloroaniline	8.234	127	385727	28.279	ng		97
34) Hexachlorobutadiene	8.292	225	270057	48.716	ng		98
35) Caprolactam	8.604	113	101164m	33.026	ng		
36) 4-Chloro-3-methylphenol	8.728	107	421799	42.210	ng		93
37) 2-Methylnaphthalene	8.875	142	955096	44.237	ng		100
38) 1-Methylnaphthalene	8.969	142	908301	43.580	ng		97
40) 1,2,4,5-Tetrachloroben...	9.039	216	409061	51.683	ng		98
41) Hexachlorocyclopentadiene	9.022	237	410099	116.360	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	263250	45.793	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	271723	43.465	ng	95
46) 1,1'-Biphenyl	9.334	154	1115941	50.729	ng	99
47) 2-Chloronaphthalene	9.363	162	865646	48.677	ng	99
48) 2-Nitroaniline	9.463	65	256630	43.398	ng	93
49) Acenaphthylene	9.781	152	1278606	47.318	ng	99
50) Dimethylphthalate	9.639	163	939105	45.131	ng	99
51) 2,6-Dinitrotoluene	9.704	165	208197	44.703	ng	96
52) Acenaphthene	9.951	154	827251m	46.872	ng	95
53) 3-Nitroaniline	9.875	138	168832	30.699	ng	96
54) 2,4-Dinitrophenol	9.981	184	130338	54.820	ng	96
55) Dibenzofuran	10.122	168	1099369	45.186	ng	98
56) 4-Nitrophenol	10.057	139	250600	61.765	ng	99
57) 2,4-Dinitrotoluene	10.104	165	260094	42.749	ng	98
58) Fluorene	10.469	166	842905	43.300	ng	94
59) 2,3,4,6-Tetrachlorophenol	10.245	232	173346	35.881	ng	99
60) Diethylphthalate	10.334	149	859465	42.727	ng	94
61) 4-Chlorophenyl-phenylether	10.457	204	392463	45.731	ng	93
62) 4-Nitroaniline	10.492	138	178480	32.715	ng	95
63) Azobenzene	10.616	77	841278	41.004	ng	92
65) 4,6-Dinitro-2-methylph...	10.516	198	92552	36.831	ng	97
66) n-Nitrosodiphenylamine	10.575	169	701348	52.897	ng	95
67) 4-Bromophenyl-phenylether	10.945	248	230951	52.974	ng	93
68) Hexachlorobenzene	11.016	284	250153	52.956	ng	98
69) Atrazine	11.104	200	186413	46.288	ng	99
70) Pentachlorophenol	11.216	266	154484	60.157	ng	99
71) Phenanthrene	11.428	178	1017723	46.829	ng	99
72) Anthracene	11.480	178	1026764	48.076	ng	99
73) Carbazole	11.639	167	866872	43.118	ng	99
74) Di-n-butylphthalate	11.957	149	1063913	44.437	ng	98
75) Fluoranthene	12.622	202	939484	42.664	ng	99
77) Benzidine	12.739	184	272398	24.992	ng	98
78) Pyrene	12.851	202	951019	36.862	ng	96
80) Butylbenzylphthalate	13.457	149	422868	37.788	ng	100
81) Benzo(a)anthracene	14.039	228	941886	44.692	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	290885	41.804	ng	99
83) Chrysene	14.074	228	877237	44.165	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	581827	39.492	ng	97
85) Di-n-octyl phthalate	14.627	149	1079303	50.909	ng	99
87) Indeno(1,2,3-cd)pyrene	17.039	276	1113634	46.080	ng	99
88) Benzo(b)fluoranthene	15.098	252	1062285	44.623	ng	99
89) Benzo(k)fluoranthene	15.127	252	1025603	43.963	ng	99
90) Benzo(a)pyrene	15.474	252	950108	49.165	ng	98
91) Dibenzo(a,h)anthracene	17.057	278	951110	48.353	ng	99
92) Benzo(g,h,i)perylene	17.504	276	927208	46.131	ng	

08/02/2022
 Supervised By : Jagrut
 Upadhyay

08/02/2022

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Reviewed By :Christian Giraldo

Abundance

TIC: BF129482.D\data.ms

08/02/2022
Supervised By :Jagrut Upadhyay

08/02/2022

6000000

5500000

5000000

4500000

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18.00

1,4-Dioxane

n-Nitrosodimethylamine,
pyridine

2-Fluorophenol,S

Phenol,d16,S

Acenaphthene-propylamine,P

Acenaphthene,S

2-Chloronaphthalene,P

2-Methylphenol

1,2-Dichlorobenzene,C

1,3-Dichlorobenzene,C

1,4-Dichlorobenzene,C

2,3-Dichlorobenzene,C

2,4-Dichlorobenzene,C

2,5-Dichlorobenzene,C

2,6-Dichlorobenzene,C

2,7-Dichlorobenzene,C

2,8-Dichlorobenzene,C

1,2,3-Trichlorobenzene,C

1,2,4-Trichlorobenzene,C

1,2,5-Trichlorobenzene,C

1,2,6-Trichlorobenzene,C

1,3,5-Trichlorobenzene,C

1,3,6-Trichlorobenzene,C

1,4,5-Trichlorobenzene,C

1,4,6-Trichlorobenzene,C

1,5,6-Trichlorobenzene,C

1,2,3,4-Tetrachlorobenzene,C

1,2,3,5-Tetrachlorobenzene,C

1,2,3,6-Tetrachlorobenzene,C

1,2,4,5-Tetrachlorobenzene,C

1,2,4,6-Tetrachlorobenzene,C

1,2,5,6-Tetrachlorobenzene,C

1,3,4,5-Tetrachlorobenzene,C

1,3,4,6-Tetrachlorobenzene,C

1,3,5,6-Tetrachlorobenzene,C

1,4,5,6-Tetrachlorobenzene,C

1,2,3,4,5-Pentachlorobenzene,C

1,2,3,4,6-Pentachlorobenzene,C

1,2,3,5,6-Pentachlorobenzene,C

1,2,4,5,6-Pentachlorobenzene,C

1,3,4,5,6-Pentachlorobenzene,C

1,2,3,4,5,6-Hexachlorobenzene,C

Isophthalic acid

2-Nitrophenol,C

3-Nitrophenol,C

4-Nitrophenol,C

2,4-Dinitrophenol,C

2,6-Dinitrophenol,C

2,4,6-Trinitrophenol,C

4-Chloro-3-methylphenol,C

2-Methylphenol

2-Methyl-1-naphthol

2-Methyl-2-naphthol

2-Methyl-3-naphthol

2-Methyl-4-naphthol

2-Methyl-5-naphthol

2-Methyl-6-naphthol

2-Methyl-7-naphthol

2-Methyl-8-naphthol

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