

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
 Data File : BF135006.D
 Acq On : 30 Aug 2023 15:23
 Operator : CG\JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/31/2023

Supervised By :mohammad ahmed 08/31/2023

Quant Time: Aug 31 03:42:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:32:57 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	168649	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	613756	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	305050	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	528293	20.000	ng	0.00
76) Chrysene-d12	13.968	240	227864	20.000	ng	# 0.00
86) Perylene-d12	15.433	264	272823	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	1433993	131.336	ng	0.01
7) Phenol-d6	6.434	99	1799777	132.247	ng	0.02
23) Nitrobenzene-d5	7.357	82	1609583	147.335	ng	0.01
42) 2,4,6-Tribromophenol	10.616	330	443047	136.914	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	2368282	126.399	ng	0.00
79) Terphenyl-d14	12.910	244	2058317	147.411	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.487	88	334914	72.414	ng	99
3) Pyridine	3.246	79	923181	74.041	ng	99
4) n-Nitrosodimethylamine	3.234	42	457877	75.091	ng	100
6) Aniline	6.457	93	1133053	67.159	ng	98
8) 2-Chlorophenol	6.575	128	739764	66.691	ng	97
9) Benzaldehyde	6.334	77	446911	64.448	ng	98
10) Phenol	6.445	94	913556	63.942	ng	88
11) bis(2-Chloroethyl)ether	6.528	93	737872	68.584	ng	100
12) 1,3-Dichlorobenzene	6.722	146	774235	67.747	ng	100
13) 1,4-Dichlorobenzene	6.798	146	767134	67.068	ng	99
14) 1,2-Dichlorobenzene	6.951	146	677767	63.499	ng	99
15) Benzyl Alcohol	6.934	79	593883	63.695	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	1229206	68.226	ng	99
17) 2-Methylphenol	7.040	107	668316	69.141	ng	97
18) Hexachloroethane	7.287	117	297159	70.134	ng	95
19) n-Nitroso-di-n-propyla...	7.216	70	532534	65.877	ng	98
20) 3+4-Methylphenols	7.204	107	696788	61.103	ng	91
22) Acetophenone	7.198	105	955245	69.973	ng	# 100
24) Nitrobenzene	7.375	77	831120	74.165	ng	99
25) Isophorone	7.616	82	1587011	76.619	ng	100
26) 2-Nitrophenol	7.681	139	428304	77.357	ng	98
27) 2,4-Dimethylphenol	7.722	122	668591	75.005	ng	96
28) bis(2-Chloroethoxy)met...	7.816	93	910084	72.837	ng	99
29) 2,4-Dichlorophenol	7.922	162	624274	73.687	ng	98
30) 1,2,4-Trichlorobenzene	7.998	180	650807	71.086	ng	98
31) Naphthalene	8.087	128	2082990	69.475	ng	99
32) Benzoic acid	7.892	122	587139	82.112	ng	95
33) 4-Chloroaniline	8.139	127	939490	71.642	ng	97
34) Hexachlorobutadiene	8.192	225	372024	71.603	ng	98
35) Caprolactam	8.545	113	208260m	75.090	ng	
36) 4-Chloro-3-methylphenol	8.628	107	668157	72.612	ng	100
37) 2-Methylnaphthalene	8.775	142	1361908	68.079	ng	100
38) 1-Methylnaphthalene	8.875	142	1275863	68.163	ng	100
40) 1,2,4,5-Tetrachloroben...	8.939	216	605156	70.865	ng	99
41) Hexachlorocyclopentadiene	8.922	237	329959	90.783	ng	96
43) 2,4,6-Trichlorophenol	9.057	196	425187	74.139	ng	100

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44) 2,4,5-Trichlorophenol	9.098	196	483333	72.796	ng	# 94
46) 1,1'-Biphenyl	9.245	154	1591832	68.300	ng	99
47) 2-Chloronaphthalene	9.269	162	1231874	70.287	ng	98
48) 2-Nitroaniline	9.369	65	458790	76.470	ng	93
49) Acenaphthylene	9.686	152	1787569	67.471	ng	100
50) Dimethylphthalate	9.557	163	1569872	73.496	ng	100
51) 2,6-Dinitrotoluene	9.616	165	351901	75.082	ng	99
52) Acenaphthene	9.857	154	1171253	69.372	ng	98
53) 3-Nitroaniline	9.792	138	406222	74.404	ng	89
54) 2,4-Dinitrophenol	9.892	184	205797	91.873	ng	97
55) Dibenzofuran	10.028	168	1607390	65.997	ng	99
56) 4-Nitrophenol	9.951	139	293669	76.520	ng	95
57) 2,4-Dinitrotoluene	10.022	165	396424	67.870	ng	91
58) Fluorene	10.375	166	1177905	63.438	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	355588	69.550	ng	97
60) Diethylphthalate	10.257	149	1392494	69.254	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	583275	63.508	ng	100
62) 4-Nitroaniline	10.410	138	385368	72.137	ng	98
63) Azobenzene	10.528	77	1413791	69.831	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	266469	83.341	ng	85
66) n-Nitrosodiphenylamine	10.492	169	1167997	71.105	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	406218	72.496	ng	100
68) Hexachlorobenzene	10.922	284	420366	72.552	ng	99
70) Pentachlorophenol	11.116	266	262670	74.935	ng	100
71) Phenanthrene	11.339	178	1847122	67.772	ng	100
72) Anthracene	11.392	178	1868494	67.099	ng	99
73) Carbazole	11.545	167	1604328	66.797	ng	99
74) Di-n-butylphthalate	11.880	149	1916625	66.198	ng	99
75) Fluoranthene	12.533	202	1718226	62.354	ng	99
77) Benzidine	12.651	184	161884	39.411	ng	99
78) Pyrene	12.763	202	1711705	79.118	ng	100
80) Butylbenzylphthalate	13.386	149	598765	76.610	ng	99
81) Benzo(a)anthracene	13.957	228	1144016	73.601	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	322593	68.780	ng	100
83) Chrysene	13.992	228	1155711	75.658	ng	100
84) Bis(2-ethylhexyl)phtha...	13.951	149	612905	75.775	ng	98
85) Di-n-octyl phthalate	14.568	149	1143595	92.630	ng	100
87) Indeno(1,2,3-cd)pyrene	16.927	276	1626430	88.505	ng	99
88) Benzo(b)fluoranthene	15.010	252	1189490	70.071	ng	99
89) Benzo(k)fluoranthene	15.039	252	1105772	67.426	ng	100
90) Benzo(a)pyrene	15.374	252	1173919	74.442	ng	99
91) Dibenzo(a,h)anthracene	16.951	278	1282046	86.139	ng	99
92) Benzo(g,h,i)perylene	17.392	276	1393620	90.029	ng	99

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

