

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
 Data File : BF129405.D
 Acq On : 28 Jul 2022 13:03
 Operator : CG\JU
 Sample : N3893-08MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-8MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/29/2022
 Supervised By : Jagrut Upadhyay 07/29/2022

Quant Time: Jul 29 02:07:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 17:24:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	190191	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	753940	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	383823	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	628866	20.000	ng	0.00
76) Chrysene-d12	14.063	240	327278	20.000	ng	# 0.00
86) Perylene-d12	15.557	264	382299	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1238864	106.110	ng	0.02
7) Phenol-d6	6.528	99	1583361	107.894	ng	0.01
23) Nitrobenzene-d5	7.451	82	978834	70.872	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	407146	110.333	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1760715	70.963	ng	0.00
79) Terphenyl-d14	13.004	244	1500303	86.484	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.746	88	230541	43.765	ng	90
3) Pyridine	3.522	79	606431	41.455	ng	92
4) n-Nitrosodimethylamine	3.475	42	315486	49.112	ng	# 95
6) Aniline	6.551	93	647430	35.488	ng	99
8) 2-Chlorophenol	6.675	128	626736	49.134	ng	95
9) Benzaldehyde	6.440	77	303638	30.468	ng	98
10) Phenol	6.540	94	748215m	47.877	ng	
11) bis(2-Chloroethyl)ether	6.622	93	588813	47.509	ng	93
12) 1,3-Dichlorobenzene	6.828	146	651219	47.603	ng	97
13) 1,4-Dichlorobenzene	6.904	146	656563	47.191	ng	98
14) 1,2-Dichlorobenzene	7.051	146	624379	48.824	ng	97
15) Benzyl Alcohol	7.034	79	533289	50.106	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	845142	45.365	ng	88
17) 2-Methylphenol	7.145	107	500065	47.257	ng	97
18) Hexachloroethane	7.392	117	251706	48.047	ng	# 88
19) n-Nitroso-di-n-propyla...	7.298	70	412947	46.481	ng	94
20) 3+4-Methylphenols	7.298	107	589175	43.790	ng	# 76
22) Acetophenone	7.298	105	823671	46.924	ng	# 94
24) Nitrobenzene	7.469	77	651161	45.784	ng	98
25) Isophorone	7.710	82	1177638	47.568	ng	98
26) 2-Nitrophenol	7.787	139	334590	47.688	ng	94
27) 2,4-Dimethylphenol	7.822	122	571584m	54.310	ng	
28) bis(2-Chloroethoxy)met...	7.916	93	722337	50.297	ng	99
29) 2,4-Dichlorophenol	8.028	162	497791	45.825	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	508191	45.197	ng	97
31) Naphthalene	8.192	128	1732197	45.221	ng	100
32) Benzoic acid	7.945	122	260728	34.268	ng	95
33) 4-Chloroaniline	8.239	127	324428	20.630	ng	96
34) Hexachlorobutadiene	8.304	225	305964	47.872	ng	99
35) Caprolactam	8.622	113	165180m	46.772	ng	
36) 4-Chloro-3-methylphenol	8.733	107	547291	47.503	ng	92
37) 2-Methylnaphthalene	8.881	142	1133746	45.545	ng	99
38) 1-Methylnaphthalene	8.981	142	1072726	44.641	ng	97
40) 1,2,4,5-Tetrachloroben...	9.051	216	482447	47.869	ng	97
41) Hexachlorocyclopentadiene	9.033	237	492628	109.770	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	342094	46.734	ng	99

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44) 2,4,5-Trichlorophenol	9.210	196	364296	45.764	ng	96
46) 1,1'-Biphenyl	9.345	154	1353806	48.331	ng	99
47) 2-Chloronaphthalene	9.375	162	1060365	46.827	ng	99
48) 2-Nitroaniline	9.475	65	345531	45.889	ng	93
49) Acenaphthylene	9.792	152	1599889	46.497	ng	100
50) Dimethylphthalate	9.651	163	1234810	46.603	ng	99
51) 2,6-Dinitrotoluene	9.716	165	283163	47.747	ng	98
52) Acenaphthene	9.963	154	1120594m	49.863	ng	
53) 3-Nitroaniline	9.886	138	200365	28.612	ng	# 94
54) 2,4-Dinitrophenol	9.998	184	249591	82.442	ng	# 88
55) Dibenzofuran	10.133	168	1436968	46.384	ng	96
56) 4-Nitrophenol	10.063	139	424367	82.140	ng	95
57) 2,4-Dinitrotoluene	10.122	165	363199	46.881	ng	99
58) Fluorene	10.480	166	1135020	45.789	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	261465	42.503	ng	# 91
60) Diethylphthalate	10.351	149	1182674	46.173	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	516580	47.271	ng	93
62) 4-Nitroaniline	10.510	138	282661	40.688	ng	94
63) Azobenzene	10.628	77	1155038	44.212	ng	96
65) 4,6-Dinitro-2-methylph...	10.533	198	167810	42.278	ng	83
66) n-Nitrosodiphenylamine	10.592	169	981675	46.874	ng	96
67) 4-Bromophenyl-phenylether	10.957	248	327494	47.557	ng	91
68) Hexachlorobenzene	11.027	284	354804	47.551	ng	100
69) Atrazine	11.116	200	317118	49.852	ng	95
70) Pentachlorophenol	11.227	266	319752	78.829	ng	98
71) Phenanthrene	11.445	178	1567391	45.659	ng	99
72) Anthracene	11.498	178	1572639	46.618	ng	100
73) Carbazole	11.651	167	1401381	44.130	ng	99
74) Di-n-butylphthalate	11.974	149	1731687	45.790	ng	100
75) Fluoranthene	12.633	202	1461448	42.017	ng	98
77) Benzidine	12.757	184	476789	41.238	ng	99
78) Pyrene	12.863	202	1438477	52.561	ng	100
80) Butylbenzylphthalate	13.474	149	571482	48.142	ng	96
81) Benzo(a)anthracene	14.057	228	1080149	48.315	ng	100
82) 3,3'-Dichlorobenzidine	14.015	252	271291	36.754	ng	97
83) Chrysene	14.092	228	989251	46.951	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	734295	46.985	ng	100
85) Di-n-octyl phthalate	14.645	149	1162920	51.710	ng	97
87) Indeno(1,2,3-cd)pyrene	17.074	276	1366216	53.068	ng	99
88) Benzo(b)fluoranthene	15.115	252	1209303	47.687	ng	98
89) Benzo(k)fluoranthene	15.151	252	1051844	42.326	ng	99
90) Benzo(a)pyrene	15.498	252	1058798	51.433	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	1144364	54.614	ng	99
92) Benzo(g,h,i)perylene	17.539	276	1195153	55.819	ng	100

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

