

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102922\
 Data File : BM037278.D
 Acq On : 29 Oct 2022 19:25
 Operator : CG/JU
 Sample : N5219-02MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BACKYARD-BOTTOM-AMS

Quant Time: Oct 31 02:08:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 31 01:34:15 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian
 Giraldo

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	509345	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	1962290	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	1013176	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	1663460	20.000	ng	0.00
76) Chrysene-d12	21.421	240	1149507	20.000	ng	0.00
86) Perylene-d12	23.780	264	1212640	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	3890215	131.952	ng	0.00
7) Phenol-d6	7.051	99	5062178	126.511	ng	0.00
23) Nitrobenzene-d5	9.045	82	2988581	76.840	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	1413395	118.375	ng	0.00
45) 2-Fluorobiphenyl	13.133	172	5743163	75.317	ng	0.00
79) Terphenyl-d14	19.862	244	5323463	83.048	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.328	88	469834	38.918	ng	98
3) Pyridine	3.734	79	1286086	35.758	ng	99
4) n-Nitrosodimethylamine	3.646	42	661774	42.097	ng	99
6) Aniline	7.204	93	1820891	37.224	ng	100
8) 2-Chlorophenol	7.440	128	1634670	45.556	ng	99
9) Benzaldehyde	7.016	77	707995	34.956	ng	99
10) Phenol	7.075	94	2029191	45.259	ng	100
11) bis(2-Chloroethyl)ether	7.304	93	1570485	43.689	ng	99
12) 1,3-Dichlorobenzene	7.757	146	1746992	44.555	ng	100
13) 1,4-Dichlorobenzene	7.910	146	1779153	43.988	ng	99
14) 1,2-Dichlorobenzene	8.222	146	1703174	43.845	ng	98
15) Benzyl Alcohol	8.122	79	1278210m	44.681	ng	
16) 2,2'-oxybis(1-Chloropr...	8.410	45	2214081	43.204	ng	99
17) 2-Methylphenol	8.328	107	1274095	43.483	ng	99
18) Hexachloroethane	8.945	117	644517	45.185	ng	100
19) n-Nitroso-di-n-propyla...	8.692	70	1147227	41.826	ng	100
20) 3+4-Methylphenols	8.657	107	1685222	41.872	ng	99
22) Acetophenone	8.704	105	2285753	44.816	ng	99
24) Nitrobenzene	9.086	77	1669172	42.331	ng	98
25) Isophorone	9.610	82	2959900	45.535	ng	100
26) 2-Nitrophenol	9.792	139	819986	46.451	ng	98
27) 2,4-Dimethylphenol	9.857	122	1249886	47.709	ng	99
28) bis(2-Chloroethoxy)met...	10.092	93	1920914	47.496	ng	99
29) 2,4-Dichlorophenol	10.328	162	1347983	44.824	ng	99
30) 1,2,4-Trichlorobenzene	10.533	180	1458316	42.762	ng	98
31) Naphthalene	10.728	128	4629390	41.640	ng	100
32) Benzoic acid	10.010	122	782821	35.038	ng	98
33) 4-Chloroaniline	10.845	127	1018267	22.994	ng	99
34) Hexachlorobutadiene	10.998	225	835088	43.853	ng	98
35) Caprolactam	11.651	113	358362	39.197	ng	95
36) 4-Chloro-3-methylphenol	11.969	107	1307261	42.182	ng	99
37) 2-Methylnaphthalene	12.333	142	3152144	41.847	ng	100
38) 1-Methylnaphthalene	12.551	142	2955657	40.158	ng	99
40) 1,2,4,5-Tetrachloroben...	12.698	216	1523406	50.008	ng	99
41) Hexachlorocyclopentadiene	12.674	237	1819048	125.329	ng	99
43) 2,4,6-Trichlorophenol	12.945	196	977907	46.631	ng	99

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44) 2,4,5-Trichlorophenol	13.016	196	1044685	45.159	ng	99
46) 1,1'-Biphenyl	13.345	154	3890712	47.586	ng	100
47) 2-Chloronaphthalene	13.386	162	2924692	44.950	ng	99
48) 2-Nitroaniline	13.598	65	804998	42.814	ng	99
49) Acenaphthylene	14.227	152	4414886	43.711	ng	100
50) Dimethylphthalate	13.974	163	3222160	41.636	ng	100
51) 2,6-Dinitrotoluene	14.098	165	709106	43.269	ng	96
52) Acenaphthene	14.568	154	2671643	42.786	ng	99
53) 3-Nitroaniline	14.427	138	497966	27.198	ng	97
54) 2,4-Dinitrophenol	14.633	184	629638	60.094	ng	94
55) Dibenzofuran	14.904	168	4040591	42.013	ng	99
56) 4-Nitrophenol	14.739	139	1147538	78.567	ng	99
57) 2,4-Dinitrotoluene	14.880	165	899065	41.691	ng	99
58) Fluorene	15.551	166	3320379	41.361	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.133	232	767515	39.584	ng	99
60) Diethylphthalate	15.333	149	3065928	40.762	ng	99
61) 4-Chlorophenyl-phenyle...	15.545	204	1621897	43.670	ng	99
62) 4-Nitroaniline	15.586	138	656732	35.766	ng	99
63) Azobenzene	15.839	77	3033191	40.935	ng	99
65) 4,6-Dinitro-2-methylph...	15.639	198	392397	35.295	ng	97
66) n-Nitrosodiphenylamine	15.768	169	2652728	47.179	ng	99
67) 4-Bromophenyl-phenylether	16.439	248	902707	48.358	ng	98
68) Hexachlorobenzene	16.551	284	1051746	46.556	ng	96
69) Atrazine	16.721	200	790540	55.879	ng	99
70) Pentachlorophenol	16.898	266	1072098	81.557	ng	99
71) Phenanthrene	17.292	178	4327835	41.935	ng	100
72) Anthracene	17.380	178	4290277	43.912	ng	99
73) Carbazole	17.657	167	3725979	41.575	ng	99
74) Di-n-butylphthalate	18.215	149	4618878	46.674	ng	100
75) Fluoranthene	19.298	202	4243225	38.896	ng	100
77) Benzidine	19.492	184	1002351	58.478	ng	99
78) Pyrene	19.662	202	4240228	47.970	ng	100
80) Butylbenzylphthalate	20.556	149	1612813	51.091	ng	98
81) Benzo(a)anthracene	21.403	228	3495466	42.712	ng	99
82) 3,3'-Dichlorobenzidine	21.345	252	1186289	49.354	ng	98
83) Chrysene	21.456	228	3258390	41.326	ng	100
84) Bis(2-ethylhexyl)phtha...	21.327	149	2281450	53.848	ng	99
85) Di-n-octyl phthalate	22.239	149	3387821	50.772	ng	100
87) Indeno(1,2,3-cd)pyrene	26.227	276	4863837	48.987	ng	100
88) Benzo(b)fluoranthene	23.062	252	3669751	43.590	ng	99
89) Benzo(k)fluoranthene	23.109	252	3513378	40.914	ng	99
90) Benzo(a)pyrene	23.674	252	3232973	47.132	ng	99
91) Dibenzo(a,h)anthracene	26.238	278	4260564	51.673	ng	100
92) Benzo(g,h,i)perylene	26.974	276	4191733	52.235	ng	99

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

