

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072622\
 Data File : BM035919.D
 Acq On : 26 Jul 2022 10:54
 Operator : CG/JU
 Sample : PB146421BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS421

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/27/2022
 Supervised By :mohammad ahmed 07/27/2022

Quant Time: Jul 26 14:10:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 25 14:55:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	371856	20.000	ng/u1	0.00
20) Naphthalene-d8	10.692	136	1640885	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.522	164	986336	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.263	188	2014809	20.000	ng/u1	0.00
79) Chrysene-d12	21.439	240	1933972	20.000	ng/u1	0.00
88) Perylene-d12	23.809	264	1736958	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	74507	7.540	ng/uL	0.00
4) Pyridine-d5	3.699	84	1073353	39.647	ng/u1	0.00
7) Phenol-d5	7.051	99	1354216	43.427	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	873665	42.027	ng/u1	0.00
11) 2-Chlorophenol-d4	7.416	132	1123754	43.415	ng/u1	0.00
15) 4-Methylphenol-d8	8.604	113	1063793	42.110	ng/u1	0.00
21) Nitrobenzene-d5	9.057	128	565985	43.529	ng/u1	0.00
24) 2-Nitrophenol-d4	9.775	143	567120	44.768	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	1014496	44.279	ng/u1	0.00
31) 4-Chloroaniline-d4	10.834	131	1533195	39.529	ng/u1	0.00
46) Dimethylphthalate-d6	13.939	166	3005616	44.735	ng/u1	0.00
49) Acenaphthylene-d8	14.216	160	3897490	45.466	ng/u1	0.00
54) 4-Nitrophenol-d4	14.727	143	609384	44.168	ng/u1	0.00
60) Fluorene-d10	15.510	176	2681415	44.165	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.633	200	477734	44.111	ng/u1	0.00
73) Anthracene-d10	17.363	188	4024956	44.186	ng/u1	0.00
81) Pyrene-d10	19.651	212	4624076	43.141	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.662	264	4061333	46.056	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	163109	15.927	ng/uL	93
5) Pyridine	3.716	79	1204305	42.391	ng/u1	89
6) Benzaldehyde	7.022	77	978374	74.754	ng/u1	93
8) Phenol	7.081	94	1514889	44.391	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.316	93	1213329	44.225	ng/u1	96
12) 2-Chlorophenol	7.446	128	1192167	44.898	ng/u1	99
13) 2-Methylphenol	8.334	108	1125882	44.163	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.416	45	1600726	44.203	ng/u1	98
16) Acetophenone	8.716	105	1795252	44.262	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.710	70	936796	46.315	ng/u1	94
18) 4-Methylphenol	8.669	108	1212246	44.325	ng/u1	98
19) Hexachloroethane	8.969	117	492280	44.935	ng/u1	91
22) Nitrobenzene	9.098	77	1325486	44.547	ng/u1	99
23) Isophorone	9.628	82	2580504	45.943	ng/u1	97
25) 2-Nitrophenol	9.804	139	647451	46.068	ng/u1	100
26) 2,4-Dimethylphenol	9.869	107	1239988	43.179	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.110	93	1587808	44.823	ng/u1	100
29) 2,4-Dichlorophenol	10.339	162	1065518	44.807	ng/u1	99
30) Naphthalene	10.745	128	3799520	43.869	ng/u1	100
32) 4-Chloroaniline	10.857	127	1593239	41.351	ng/u1	98
33) Hexachlorobutadiene	11.028	225	648897	44.201	ng/u1	99
34) Caprolactam	11.645	113	348600m	44.355	ng/u1	
35) 4-Chloro-3-methylphenol	11.981	107	1163380	47.048	ng/u1	98
36) 2-Methylnaphthalene	12.351	142	2551357	45.025	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.569	142	2563631	44.884	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.716	216	1235786	44.015	ng/ul	98
40) Hexachlorocyclopentadiene	12.698	237	754990	40.375	ng/ul	98
41) 2,4,6-Trichlorophenol	12.957	196	826586	46.005	ng/ul	98
42) 2,4,5-Trichlorophenol	13.028	196	892805	46.569	ng/ul	100
43) 1,1'-Biphenyl	13.363	154	3340243	43.998	ng/ul	99
44) 2-Chloronaphthalene	13.404	162	2555851	43.867	ng/ul	99
45) 2-Nitroaniline	13.610	65	775775	48.297	ng/ul	98
47) Dimethylphthalate	13.986	163	3124746	46.237	ng/ul	99
48) 2,6-Dinitrotoluene	14.110	165	660147	49.201	ng/ul	96
50) Acenaphthylene	14.245	152	4265277	44.979	ng/ul	99
51) 3-Nitroaniline	14.433	138	750813	50.633	ng/ul	97
52) Acenaphthene	14.586	153	2747023	44.652	ng/ul	98
53) 2,4-Dinitrophenol	14.633	184	343872	45.138	ng/ul	96
55) 4-Nitrophenol	14.745	109	476954	45.200	ng/ul	86
56) Dibenzofuran	14.922	168	3829228	44.985	ng/ul	97
57) 2,4-Dinitrotoluene	14.886	165	946556	50.047	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.145	232	722672	47.976	ng/ul	96
59) Diethylphthalate	15.351	149	3235186	47.327	ng/ul	99
61) Fluorene	15.569	166	3163058	45.489	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.563	204	1520536	45.640	ng/ul	99
63) 4-Nitroaniline	15.598	138	810288	59.356	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.645	198	487652	44.998	ng/ul	94
67) N-Nitrosodiphenylamine	15.780	169	2665685	45.003	ng/ul	99
68) 4-Bromophenyl-phenylether	16.457	248	918266	46.489	ng/ul	99
69) Hexachlorobenzene	16.563	284	1097163	45.588	ng/ul	98
70) Atrazine	16.733	200	937664	45.640	ng/ul	99
71) Pentachlorophenol	16.910	266	656115	44.625	ng/ul	99
72) Phenanthrene	17.304	178	4887080	45.256	ng/ul	97
74) Anthracene	17.398	178	4928677	45.485	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.322	216	1252103	39.962	ng/ul	97
76) Pentachlorobenzene	14.839	250	1258865	44.324	ng/ul	98
77) Carbazole	17.668	167	4589015	45.853	ng/ul	99
78) Di-n-butylphthalate	18.239	149	5523373	48.915	ng/ul	99
80) Fluoranthene	19.315	202	5719649	44.663	ng/ul	99
82) Pyrene	19.680	202	5845257	44.283	ng/ul	97
83) Butylbenzylphthalate	20.586	149	2303499	47.982	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.362	252	1898826	53.206	ng/ul	99
85) Benzo(a)anthracene	21.427	228	5626674	46.224	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.362	149	3446120	49.679	ng/ul	99
87) Chrysene	21.480	228	5409787	45.548	ng/ul	98
89) Di-n-octyl phthalate	22.280	149	5394543	48.093	ng/ul	100
90) Benzo(b)fluoranthene	23.092	252	5593928m	48.256	ng/ul	
91) Benzo(k)fluoranthene	23.139	252	5165554	46.959	ng/ul	97
93) Benzo(a)pyrene	23.709	252	5210415	47.190	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.280	276	5421745	46.068	ng/ul	93
95) Dibenzo(a,h)anthracene	26.303	278	4649887	46.052	ng/ul	96
96) Benzo(g,h,i)perylene	27.038	276	4455832	45.688	ng/ul	96

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

