

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052721\
 Data File : BM030198.D
 Acq On : 27 May 2021 13:04
 Operator : CG/JU
 Sample : PB136674BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS674

Manual Integrations
 APPROVED

mohammad
 5/27/2021 11:10:58 PM

Quant Time: May 27 13:34:03 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 27 12:44:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	227385	20.00	ng/ul	0.00
20) Naphthalene-d8	10.669	136	937044	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.498	164	577900	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.227	188	1131158	20.00	ng/ul	0.00
79) Chrysene-d12	21.391	240	1146228	20.00	ng/ul	0.00
88) Perylene-d12	23.680	264	1072715	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	34944	6.29	ng/uL	0.00
4) Pyridine-d5	3.751	84	473789	30.42	ng/ul	0.00
7) Phenol-d5	7.028	99	719338	35.98	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.204	67	451940	35.81	ng/ul	0.00
11) 2-Chlorophenol-d4	7.404	132	563393	37.62	ng/ul	0.00
15) 4-Methylphenol-d8	8.569	113	562043	35.40	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	264270	43.21	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143	261517	44.89	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.286	165	582664	38.77	ng/ul	0.00
31) 4-Chloroaniline-d4	10.798	131	761708	34.12	ng/ul	0.00
46) Dimethylphthalate-d6	13.904	166	1698516	38.44	ng/ul	0.00
49) Acenaphthylene-d8	14.192	160	2166672	38.04	ng/ul	0.00
54) 4-Nitrophenol-d4	14.674	143	280807	39.33	ng/ul	0.00
60) Fluorene-d10	15.486	176	1471468	38.15	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	234729	42.81	ng/ul	0.00
73) Anthracene-d10	17.327	188	2155481	38.50	ng/ul	0.00
81) Pyrene-d10	19.609	212	2373847	38.64	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.538	264	2464749	40.53	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.375	88	83079	13.90	ng/uL	96
5) Pyridine	3.769	79	458613	28.67	ng/ul	99
6) Benzaldehyde	7.016	77	396732	37.19	ng/ul	98
8) Phenol	7.057	94	653170	32.16	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.298	93	516765	31.70	ng/ul	98
12) 2-Chlorophenol	7.439	128	512633	33.43	ng/ul	100
13) 2-Methylphenol	8.304	108	482684	31.43	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.404	45	842755	31.11	ng/ul	99
16) Acetophenone	8.692	105	801579	31.24	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.681	70	419759	31.01	ng/ul	98
18) 4-Methylphenol	8.633	108	525969	31.81	ng/ul	97
19) Hexachloroethane	8.957	117	207339	31.58	ng/ul	98
22) Nitrobenzene	9.069	77	590725	35.68	ng/ul	99
23) Isophorone	9.598	82	1116801	31.99	ng/ul	100
25) 2-Nitrophenol	9.780	139	264290	40.18	ng/ul	97
26) 2,4-Dimethylphenol	9.833	107	495351	28.31	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.075	93	706416	33.01	ng/ul	100
29) 2,4-Dichlorophenol	10.310	162	508177	35.03	ng/ul	99
30) Naphthalene	10.716	128	1666171	32.41	ng/ul	99
32) 4-Chloroaniline	10.822	127	665190	28.78	ng/ul	99
33) Hexachlorobutadiene	11.004	225	324874	32.87	ng/ul	98
34) Caprolactam	11.592	113	143665m	32.43	ng/ul	
35) 4-Chloro-3-methylphenol	11.933	107	511187	33.62	ng/ul	99
36) 2-Methylnaphthalene	12.321	142	1218324	31.69	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.545	142	1175480	31.45	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.692	216	648411	34.58	ng/ul	98
40) Hexachlorocyclopentadiene	12.674	237	322046	24.51	ng/ul	99
41) 2,4,6-Trichlorophenol	12.927	196	400394	38.05	ng/ul	96
42) 2,4,5-Trichlorophenol	12.998	196	442940	38.90	ng/ul	100
43) 1,1'-Biphenyl	13.333	154	1586506	34.42	ng/ul	99
44) 2-Chloronaphthalene	13.374	162	1226627	34.62	ng/ul	99
45) 2-Nitroaniline	13.574	65	323125	39.70	ng/ul	93
47) Dimethylphthalate	13.951	163	1512402	34.65	ng/ul	100
48) 2,6-Dinitrotoluene	14.068	165	291307	41.88	ng/ul	93
50) Acenaphthylene	14.221	152	1801550	32.76	ng/ul	100
51) 3-Nitroaniline	14.392	138	293458	36.20	ng/ul#	96
52) Acenaphthene	14.562	153	1321310	34.01	ng/ul	99
53) 2,4-Dinitrophenol	14.598	184	142470	32.63	ng/ul	98
55) 4-Nitrophenol	14.692	109	199307	25.43	ng/ul	98
56) Dibenzofuran	14.892	168	1840935	34.24	ng/ul	99
57) 2,4-Dinitrotoluene	14.851	165	407354	40.38	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.115	232	363831	37.84	ng/ul	100
59) Diethylphthalate	15.315	149	1536876	34.77	ng/ul	99
61) Fluorene	15.539	166	1565115	34.31	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.533	204	772221	34.52	ng/ul	100
63) 4-Nitroaniline	15.551	138	309665	37.15	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.609	198	217127	38.38	ng/ul	96
67) N-Nitrosodiphenylamine	15.745	169	1313786	35.61	ng/ul	99
68) 4-Bromophenyl-phenylether	16.427	248	472036	37.08	ng/ul	96
69) Hexachlorobenzene	16.539	284	524020	36.01	ng/ul	99
70) Atrazine	16.692	200	443458	33.51	ng/ul	99
71) Pentachlorophenol	16.880	266	289001	32.52	ng/ul	98
72) Phenanthrene	17.274	178	2357246	35.56	ng/ul	100
74) Anthracene	17.362	178	2372497	34.89	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.298	216	635666	34.44	ng/uL	98
76) Pentachlorobenzene	14.815	250	612484	35.78	ng/uL	99
77) Carbazole	17.627	167	2083122	33.81	ng/ul	100
78) Di-n-butylphthalate	18.192	149	2595883	37.93	ng/ul	100
80) Fluoranthene	19.280	202	2672332	35.58	ng/ul	98
82) Pyrene	19.639	202	2781966	35.44	ng/ul	99
83) Butylbenzylphthalate	20.527	149	1075956	40.16	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.303	252	859159	35.40	ng/ul	100
85) Benzo(a)anthracene	21.374	228	2687623	35.59	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.303	149	1775109	41.29	ng/ul	99
87) Chrysene	21.427	228	2604630	35.43	ng/ul	100
89) Di-n-octyl phthalate	22.191	149	2913504	42.24	ng/ul	100
90) Benzo(b)fluoranthene	22.991	252	2832277	39.40	ng/ul	100
91) Benzo(k)fluoranthene	23.033	252	2619957	36.96	ng/ul	99
93) Benzo(a)pyrene	23.585	252	2428176	38.27	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.021	276	3195289	40.20	ng/ul	99
95) Dibenzo(a,h)anthracene	26.032	278	2694184	40.55	ng/ul	98
96) Benzo(g,h,i)perylene	26.732	276	2577125	39.69	ng/ul	99

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

