

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052721\
 Data File : BM030215.D
 Acq On : 28 May 2021 00:05
 Operator : CG/JU
 Sample : M2528-03MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YARK5MSD

Quant Time: May 28 02:10:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 27 10:27:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	273262	20.00	ng/ul	0.00
20) Naphthalene-d8	10.663	136	1151153	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.492	164	723660	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.227	188	1364940	20.00	ng/ul	0.00
79) Chrysene-d12	21.386	240	1211427	20.00	ng/ul	0.00
88) Perylene-d12	23.674	264	1150723	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	21631	3.24	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.00	ng/ul	
7) Phenol-d5	7.028	99	156437	6.51	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.198	67	444803	29.33	ng/ul	0.00
11) 2-Chlorophenol-d4	7.404	132	452248	25.13	ng/ul	0.00
15) 4-Methylphenol-d8	8.569	113	294728	15.45	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	283090	37.68	ng/ul	0.00
24) 2-Nitrophenol-d4	9.745	143	284968	39.82	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.280	165	571232	30.94	ng/ul	0.00
31) 4-Chloroaniline-d4	10.792	131	40563	1.48	ng/ul	0.00
46) Dimethylphthalate-d6	13.904	166	1988998	35.95	ng/ul	0.00
49) Acenaphthylene-d8	14.186	160	2390961	33.53	ng/ul	0.00
54) 4-Nitrophenol-d4	14.668	143	68327	7.64	ng/ul	0.00
60) Fluorene-d10	15.480	176	1699038	35.18	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	293930	44.42	ng/ul	0.00
73) Anthracene-d10	17.327	188	2561333	37.91	ng/ul	0.00
81) Pyrene-d10	19.609	212	2690790	41.44	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.527	264	2528665	38.77	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.375	88	18683	2.60	ng/uL	98
6) Benzaldehyde	7.010	77	451850	35.24	ng/ul	99
8) Phenol	7.051	94	172619	7.07	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.292	93	533858	27.25	ng/ul	99
12) 2-Chlorophenol	7.434	128	432872	23.49	ng/ul	99
13) 2-Methylphenol	8.304	108	311483	16.88	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.398	45	892369	27.41	ng/ul	99
16) Acetophenone	8.692	105	870553	28.23	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.675	70	469052	28.84	ng/ul	96
18) 4-Methylphenol	8.628	108	294491	14.82	ng/ul	95
19) Hexachloroethane	8.951	117	197084	24.98	ng/ul	95
22) Nitrobenzene	9.069	77	645812	31.75	ng/ul	98
23) Isophorone	9.592	82	1225149	28.56	ng/ul	99
25) 2-Nitrophenol	9.780	139	293704	36.35	ng/ul	99
26) 2,4-Dimethylphenol	9.833	107	464546	21.61	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.075	93	764516	29.08	ng/ul	99
29) 2,4-Dichlorophenol	10.304	162	514122	28.85	ng/ul	98
30) Naphthalene	10.716	128	1789560	28.33	ng/ul	99
32) 4-Chloroaniline	10.816	127	54034	1.90	ng/ul	96
33) Hexachlorobutadiene	11.004	225	328430	27.05	ng/ul	99
34) Caprolactam	11.598	113	10168	1.87	ng/ul	84
35) 4-Chloro-3-methylphenol	11.927	107	484019	25.91	ng/ul	99
36) 2-Methylnaphthalene	12.321	142	1353267	28.66	ng/ul	100
37) 1-Methylnaphthalene	12.539	142	1308222	28.49	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.686	216	722653	30.78	ng/ul	98
40) Hexachlorocyclopentadiene	12.669	237	390612	23.74	ng/ul	98
41) 2,4,6-Trichlorophenol	12.921	196	459564	34.87	ng/ul	98
42) 2,4,5-Trichlorophenol	12.992	196	504767	35.40	ng/ul	100
43) 1,1'-Biphenyl	13.327	154	1772568	30.71	ng/ul	100
44) 2-Chloronaphthalene	13.368	162	1349452	30.42	ng/ul	98
45) 2-Nitroaniline	13.568	65	386470	37.92	ng/ul	94
47) Dimethylphthalate	13.951	163	2032428	37.19	ng/ul	100
48) 2,6-Dinitrotoluene	14.068	165	362325	41.60	ng/ul	91
50) Acenaphthylene	14.215	152	2160141	31.37	ng/ul	100
51) 3-Nitroaniline	14.392	138	169712	16.72	ng/ul#	95
52) Acenaphthene	14.557	153	1523840	31.32	ng/ul	99
53) 2,4-Dinitrophenol	14.592	184	174678	31.94	ng/ul	96
55) 4-Nitrophenol	14.686	109	52034	5.30	ng/ul	94
56) Dibenzofuran	14.892	168	2146461	31.88	ng/ul	99
57) 2,4-Dinitrotoluene	14.851	165	502673	39.80	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.115	232	460641	38.26	ng/ul	98
59) Diethylphthalate	15.310	149	1862634	33.65	ng/ul	99
61) Fluorene	15.539	166	1858870	32.54	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.533	204	915631	32.69	ng/ul	100
63) 4-Nitroaniline	15.551	138	300896	28.83	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.610	198	273178	40.02	ng/ul	98
67) N-Nitrosodiphenylamine	15.745	169	1622433	36.44	ng/ul	99
68) 4-Bromophenyl-phenylether	16.421	248	561611	36.56	ng/ul	97
69) Hexachlorobenzene	16.539	284	628382	35.78	ng/ul	99
70) Atrazine	16.686	200	538318	33.71	ng/ul	99
71) Pentachlorophenol	16.874	266	355633	33.16	ng/ul	99
72) Phenanthrene	17.268	178	2824145	35.31	ng/ul	100
74) Anthracene	17.362	178	2871852	35.00	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.298	216	678171	30.45	ng/uL	99
76) Pentachlorobenzene	14.810	250	712600	34.50	ng/uL	99
77) Carbazole	17.627	167	2557796	34.40	ng/ul	100
78) Di-n-butylphthalate	18.186	149	3044303	36.86	ng/ul	100
80) Fluoranthene	19.274	202	3101535	39.07	ng/ul	99
82) Pyrene	19.639	202	3177266	38.30	ng/ul	100
83) Butylbenzylphthalate	20.527	149	1179142	41.64	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.297	252	964407	37.60	ng/ul	98
85) Benzo(a)anthracene	21.368	228	2900398	36.34	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.297	149	1877428	41.32	ng/ul	99
87) Chrysene	21.421	228	2816521	36.25	ng/ul	99
89) Di-n-octyl phthalate	22.186	149	3006818	40.64	ng/ul	100
90) Benzo(b)fluoranthene	22.980	252	2877323	37.31	ng/ul	100
91) Benzo(k)fluoranthene	23.027	252	2837782	37.32	ng/ul	100
93) Benzo(a)pyrene	23.574	252	2543384	37.37	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.009	276	3322769	38.97	ng/ul	99
95) Dibenzo(a,h)anthracene	26.021	278	2796634	39.24	ng/ul	99
96) Benzo(g,h,i)perylene	26.721	276	2696028	38.70	ng/ul	100

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

