

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060421\
 Data File : BM030284.D
 Acq On : 03 Jun 2021 15:51
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020047

Quant Time: Jun 03 16:38:58 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 03 16:38:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	240256	20.000	ng/u1	0.00
20) Naphthalene-d8	10.651	136	1087480	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.481	164	725681	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.216	188	1438974	20.000	ng/u1	0.00
79) Chrysene-d12	21.374	240	1167731	20.000	ng/u1	0.00
88) Perylene-d12	23.656	264	993409	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	45791	7.800	ng/uL	0.00
4) Pyridine-d5	3.734	84	315072	19.144	ng/u1	0.00
7) Phenol-d5	7.010	99	423343	20.041	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	274002	20.549	ng/u1	0.00
11) 2-Chlorophenol-d4	7.387	132	327111	20.672	ng/u1	0.00
15) 4-Methylphenol-d8	8.552	113	341806	20.378	ng/u1	0.00
21) Nitrobenzene-d5	9.010	128	152904	21.541	ng/u1	0.00
24) 2-Nitrophenol-d4	9.734	143	155589	23.014	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.263	165	344690	19.760	ng/u1	0.00
31) 4-Chloroaniline-d4	10.781	131	485061	18.724	ng/u1	0.00
46) Dimethylphthalate-d6	13.887	166	1032439	18.609	ng/u1	0.00
49) Acenaphthylene-d8	14.175	160	1343371	18.785	ng/u1	0.00
54) 4-Nitrophenol-d4	14.663	143	173849	19.391	ng/u1	0.00
60) Fluorene-d10	15.469	176	898368	18.551	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	144446	20.706	ng/u1	0.00
73) Anthracene-d10	17.316	188	1346437	18.905	ng/u1	0.00
81) Pyrene-d10	19.598	212	1369797	21.884	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.515	264	1067383	18.955	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.358	88	51110	8.094	ng/uL#	91
5) Pyridine	3.752	79	324395	19.194	ng/u1	97
6) Benzaldehyde	6.999	77	280580	24.892	ng/u1	98
8) Phenol	7.040	94	434958	20.269	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.281	93	352406	20.459	ng/u1	98
12) 2-Chlorophenol	7.422	128	335925	20.732	ng/u1	99
13) 2-Methylphenol	8.287	108	325507	20.061	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.387	45	572002	19.984	ng/u1	98
16) Acetophenone	8.675	105	557234	20.554	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.663	70	294643	20.603	ng/u1	98
18) 4-Methylphenol	8.616	108	356117	20.382	ng/u1	99
19) Hexachloroethane	8.940	117	136871	19.729	ng/u1	95
22) Nitrobenzene	9.052	77	409270	21.298	ng/u1	97
23) Isophorone	9.575	82	770910	19.026	ng/u1	98
25) 2-Nitrophenol	9.763	139	177232	23.219	ng/u1	98
26) 2,4-Dimethylphenol	9.816	107	392718	19.337	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.057	93	493006	19.851	ng/u1	99
29) 2,4-Dichlorophenol	10.293	162	332976	19.779	ng/u1	99
30) Naphthalene	10.698	128	1139043	19.091	ng/u1	99
32) 4-Chloroaniline	10.804	127	508720	18.968	ng/u1	99
33) Hexachlorobutadiene	10.987	225	204405	17.820	ng/u1	98
34) Caprolactam	11.569	113	95702	18.613	ng/u1	97
35) 4-Chloro-3-methylphenol	11.916	107	351775	19.934	ng/u1	98
36) 2-Methylnaphthalene	12.304	142	850074	19.054	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.528	142	832864	19.203	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.675	216	435829	18.510	ng/ul	99
40) Hexachlorocyclopentadiene	12.657	237	266548	16.155	ng/ul	100
41) 2,4,6-Trichlorophenol	12.910	196	267555	20.246	ng/ul	97
42) 2,4,5-Trichlorophenol	12.981	196	292198	20.437	ng/ul	99
43) 1,1'-Biphenyl	13.316	154	1086499	18.774	ng/ul	99
44) 2-Chloronaphthalene	13.357	162	843919	18.969	ng/ul	98
45) 2-Nitroaniline	13.557	65	224899	22.007	ng/ul	94
47) Dimethylphthalate	13.934	163	1029251	18.781	ng/ul	100
48) 2,6-Dinitrotoluene	14.051	165	196153	22.459	ng/ul	94
50) Acenaphthylene	14.204	152	1311172	18.986	ng/ul	99
51) 3-Nitroaniline	14.381	138	213352	20.959	ng/ul#	97
52) Acenaphthene	14.545	153	916827	18.794	ng/ul	100
53) 2,4-Dinitrophenol	14.581	184	140291	25.585	ng/ul	92
55) 4-Nitrophenol	14.675	109	137163	13.934	ng/ul	98
56) Dibenzofuran	14.875	168	1269021	18.794	ng/ul	99
57) 2,4-Dinitrotoluene	14.834	165	274400	21.663	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.098	232	241727	20.022	ng/ul	96
59) Diethylphthalate	15.298	149	1031478	18.582	ng/ul	99
61) Fluorene	15.522	166	1063196	18.559	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.516	204	521197	18.555	ng/ul	98
63) 4-Nitroaniline	15.539	138	217546	20.784	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.598	198	148049	20.573	ng/ul	99
67) N-Nitrosodiphenylamine	15.728	169	914603	19.487	ng/ul	99
68) 4-Bromophenyl-phenylether	16.410	248	296334	18.297	ng/ul	99
69) Hexachlorobenzene	16.528	284	330137	17.833	ng/ul	96
70) Atrazine	16.675	200	296146	17.591	ng/ul	99
71) Pentachlorophenol	16.863	266	178754	15.810	ng/ul	97
72) Phenanthrene	17.257	178	1605867	19.043	ng/ul	100
74) Anthracene	17.345	178	1653840	19.119	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.281	216	454581	19.362	ng/ul	99
76) Pentachlorobenzene	14.798	250	402678	18.490	ng/ul	100
77) Carbazole	17.610	167	1443836	18.419	ng/ul	100
78) Di-n-butylphthalate	18.174	149	1625702	18.671	ng/ul	100
80) Fluoranthene	19.263	202	1706066	22.297	ng/ul	99
82) Pyrene	19.627	202	1788303	22.361	ng/ul	99
83) Butylbenzylphthalate	20.515	149	582979	21.357	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.292	252	458437	18.543	ng/ul	99
85) Benzo(a)anthracene	21.357	228	1506090	19.576	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	847330	19.345	ng/ul	99
87) Chrysene	21.410	228	1445849	19.306	ng/ul	100
89) Di-n-octyl phthalate	22.174	149	1269306	19.872	ng/ul	100
90) Benzo(b)fluoranthene	22.968	252	1336046	20.069	ng/ul	98
91) Benzo(k)fluoranthene	23.015	252	1302897	19.847	ng/ul	99
93) Benzo(a)pyrene	23.562	252	1148795	19.550	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.986	276	1402829	19.060	ng/ul	98
95) Dibenzo(a,h)anthracene	25.992	278	1174832	19.092	ng/ul	98
96) Benzo(g,h,i)perylene	26.692	276	1134290	18.862	ng/ul	97

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

