

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051722\
 Data File : BM035128.D
 Acq On : 17 May 2022 12:51
 Operator : CG/JU
 Sample : SST01041
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST010041

Quant Time: May 17 14:26:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 17 14:25:28 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	167380	20.000	ng/u1	0.00
20) Naphthalene-d8	10.710	136	650589	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.545	164	384263	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.286	188	743532	20.000	ng/u1	0.00
79) Chrysene-d12	21.468	240	691321	20.000	ng/u1	0.00
88) Perylene-d12	23.856	264	698539	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	15321	3.829	ng/uL	0.00
4) Pyridine-d5	3.781	84	92822	8.417	ng/u1	0.00
7) Phenol-d5	7.069	99	114781	7.927	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.239	67	74986	8.250	ng/u1	0.00
11) 2-Chlorophenol-d4	7.439	132	101218	8.895	ng/u1	0.00
15) 4-Methylphenol-d8	8.616	113	93418	7.913	ng/u1	0.00
21) Nitrobenzene-d5	9.063	128	45328	9.090	ng/u1	0.00
24) 2-Nitrophenol-d4	9.786	143	49154	9.139	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	89995	8.941	ng/u1	0.00
31) 4-Chloroaniline-d4	10.839	131	123238	8.599	ng/u1	0.00
46) Dimethylphthalate-d6	13.951	166	254679	8.788	ng/u1	0.00
49) Acenaphthylene-d8	14.233	160	302718	8.232	ng/u1	0.00
54) 4-Nitrophenol-d4	14.733	143	41427	8.366	ng/u1	0.00
60) Fluorene-d10	15.533	176	215526	8.815	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	34554	7.375	ng/u1	0.00
73) Anthracene-d10	17.386	188	311072	8.599	ng/u1	0.00
81) Pyrene-d10	19.674	212	339565	7.866	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.703	264	317594	8.699	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.404	88	16081	4.037	ng/uL#	87
5) Pyridine	3.799	79	99580	8.556	ng/u1	88
6) Benzaldehyde	7.045	77	70756	8.756	ng/u1	97
8) Phenol	7.098	94	119857	8.315	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.328	93	93867	8.228	ng/u1	95
12) 2-Chlorophenol	7.475	128	103602	8.928	ng/u1	97
13) 2-Methylphenol	8.351	108	89452	8.188	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.439	45	142741	7.653	ng/u1	98
16) Acetophenone	8.728	105	146651	8.003	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.716	70	71237	7.288	ng/u1	96
18) 4-Methylphenol	8.675	108	93625	7.844	ng/u1	94
19) Hexachloroethane	8.992	117	44948	9.131	ng/u1	97
22) Nitrobenzene	9.104	77	114225	9.231	ng/u1	95
23) Isophorone	9.633	82	196820	8.657	ng/u1	96
25) 2-Nitrophenol	9.822	139	54118	9.365	ng/u1	92
26) 2,4-Dimethylphenol	9.880	107	108272	8.959	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.116	93	120191	8.528	ng/u1	98
29) 2,4-Dichlorophenol	10.357	162	90653	9.258	ng/u1	98
30) Naphthalene	10.757	128	309488	9.055	ng/u1	99
32) 4-Chloroaniline	10.863	127	123933	8.641	ng/u1	98
33) Hexachlorobutadiene	11.051	225	62719	9.772	ng/u1	96
34) Caprolactam	11.627	113	25166	8.595	ng/u1	90
35) 4-Chloro-3-methylphenol	11.992	107	91135	8.658	ng/u1	99
36) 2-Methylnaphthalene	12.369	142	204395	8.649	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.586	142	206687	8.649	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.739	216	105207	9.309	ng/ul	99
40) Hexachlorocyclopentadiene	12.721	237	65069	8.301	ng/ul	96
41) 2,4,6-Trichlorophenol	12.974	196	68431	9.511	ng/ul	97
42) 2,4,5-Trichlorophenol	13.045	196	71906	9.329	ng/ul	99
43) 1,1'-Biphenyl	13.380	154	275547	9.026	ng/ul	99
44) 2-Chloronaphthalene	13.416	162	211090	9.080	ng/ul	98
45) 2-Nitroaniline	13.616	65	56906	8.622	ng/ul	95
47) Dimethylphthalate	13.998	163	255647	8.929	ng/ul	99
48) 2,6-Dinitrotoluene	14.116	165	47544	8.743	ng/ul	88
50) Acenaphthylene	14.263	152	331840	8.983	ng/ul	98
51) 3-Nitroaniline	14.439	138	46983	9.435	ng/ul	83
52) Acenaphthene	14.604	153	221678	8.978	ng/ul	100
53) 2,4-Dinitrophenol	14.651	184	24921	7.855	ng/ul	93
55) 4-Nitrophenol	14.745	109	39647	9.105	ng/ul	94
56) Dibenzofuran	14.939	168	306776	9.021	ng/ul	94
57) 2,4-Dinitrotoluene	14.898	165	68694	8.955	ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	15.168	232	57037	9.438	ng/ul	98
59) Diethylphthalate	15.363	149	260287	8.875	ng/ul	98
61) Fluorene	15.586	166	246143	8.848	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.586	204	119734	8.861	ng/ul	98
63) 4-Nitroaniline	15.598	138	42468	9.582	ng/ul	87
66) 4,6-Dinitro-2-methylph...	15.662	198	36706	7.912	ng/ul	92
67) N-Nitrosodiphenylamine	15.798	169	208018	8.690	ng/ul	99
68) 4-Bromophenyl-phenylether	16.480	248	68392	8.846	ng/ul	97
69) Hexachlorobenzene	16.598	284	78495	8.972	ng/ul	97
70) Atrazine	16.751	200	74442	8.749	ng/ul	98
71) Pentachlorophenol	16.939	266	47581	8.762	ng/ul	99
72) Phenanthrene	17.327	178	369061	8.825	ng/ul	100
74) Anthracene	17.415	178	373415	8.828	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.345	216	112486	9.454	ng/uL	98
76) Pentachlorobenzene	14.863	250	98348	9.024	ng/uL	100
77) Carbazole	17.686	167	326612	8.783	ng/ul	99
78) Di-n-butylphthalate	18.262	149	496120	10.758	ng/ul	99
80) Fluoranthene	19.345	202	411122	7.922	ng/ul	97
82) Pyrene	19.703	202	424512	8.011	ng/ul	99
83) Butylbenzylphthalate	20.609	149	184833	8.719	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.386	252	126154	9.670	ng/ul	98
85) Benzo(a)anthracene	21.456	228	401355	8.936	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.392	149	274414	8.736	ng/ul	99
87) Chrysene	21.509	228	391246	8.945	ng/ul	100
89) Di-n-octyl phthalate	22.315	149	455538	7.834	ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	411633	8.773	ng/ul	99
91) Benzo(k)fluoranthene	23.180	252	382045	8.551	ng/ul	100
93) Benzo(a)pyrene	23.750	252	399808	8.938	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.326	276	454971	8.891	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.344	278	395920	9.025	ng/ul#	97
96) Benzo(g,h,i)perylene	27.085	276	382755	9.005	ng/ul#	96

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

