

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061622\
 Data File : BM035481.D
 Acq On : 16 Jun 2022 15:16
 Operator : CG/JU
 Sample : SSTD04050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD040001

Quant Time: Jun 17 01:04:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM061622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 17 00:59:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	217363	20.000	ng/u1	0.00
20) Naphthalene-d8	10.610	136	933076	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.457	164	551319	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.204	188	1096710	20.000	ng/u1	0.00
79) Chrysene-d12	21.392	240	1119447	20.000	ng/u1	0.00
88) Perylene-d12	23.733	264	1220964	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	93035	17.685	ng/uL	0.00
4) Pyridine-d5	3.681	84	594591	43.815	ng/u1	0.00
7) Phenol-d5	6.999	99	737221	46.021	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.151	67	461826	45.694	ng/u1	0.00
11) 2-Chlorophenol-d4	7.351	132	649672	45.748	ng/u1	0.00
15) 4-Methylphenol-d8	8.540	113	627542	46.633	ng/u1	0.00
21) Nitrobenzene-d5	8.975	128	314434	42.981	ng/u1	0.00
24) 2-Nitrophenol-d4	9.698	143	348062	42.492	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.245	165	578333	39.695	ng/u1	0.00
31) 4-Chloroaniline-d4	10.757	131	874270	43.519	ng/u1	0.00
46) Dimethylphthalate-d6	13.875	166	1659312	41.311	ng/u1	0.00
49) Acenaphthylene-d8	14.151	160	2065838	43.033	ng/u1	0.00
54) 4-Nitrophenol-d4	14.692	143	275058	38.625	ng/u1	-0.01
60) Fluorene-d10	15.451	176	1402739	41.279	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	294159	41.538	ng/u1	0.00
73) Anthracene-d10	17.304	188	2140575	41.932	ng/u1	0.00
81) Pyrene-d10	19.598	212	2405521	40.346	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.586	264	2574916	41.613	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	94707	17.324	ng/uL	97
5) Pyridine	3.705	79	622903	44.288	ng/u1	99
6) Benzaldehyde	6.957	77	380915	47.922	ng/u1	96
8) Phenol	7.028	94	795661	47.226	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.240	93	615599	47.140	ng/u1	99
12) 2-Chlorophenol	7.381	128	680727	46.920	ng/u1	100
13) 2-Methylphenol	8.269	108	580173	45.879	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.345	45	911041	49.109	ng/u1	99
16) Acetophenone	8.645	105	947819	45.473	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.628	70	463111	46.864	ng/u1	99
18) 4-Methylphenol	8.604	108	634504	46.952	ng/u1	100
19) Hexachloroethane	8.887	117	267517	42.419	ng/u1	94
22) Nitrobenzene	9.016	77	656981	37.556	ng/u1	98
23) Isophorone	9.551	82	1261745	40.868	ng/u1	100
25) 2-Nitrophenol	9.734	139	373647	42.611	ng/u1	96
26) 2,4-Dimethylphenol	9.804	107	693535	40.127	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.028	93	804783	43.306	ng/u1	99
29) 2,4-Dichlorophenol	10.275	162	577091	39.283	ng/u1	99
30) Naphthalene	10.663	128	2051691	42.512	ng/u1	99
32) 4-Chloroaniline	10.781	127	876667	43.636	ng/u1	98
33) Hexachlorobutadiene	10.945	225	348325	32.607	ng/u1	99
34) Caprolactam	11.575	113	194501	45.951	ng/u1	92
35) 4-Chloro-3-methylphenol	11.922	107	624037	42.313	ng/u1	97
36) 2-Methylnaphthalene	12.275	142	1361195	42.104	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.498	142	1365714	42.145	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.651	216	662982	37.398	ng/ul	99
40) Hexachlorocyclopentadiene	12.628	237	247609	19.587	ng/ul	97
41) 2,4,6-Trichlorophenol	12.898	196	438566	38.736	ng/ul	98
42) 2,4,5-Trichlorophenol	12.980	196	462825	38.514	ng/ul	98
43) 1,1'-Biphenyl	13.292	154	1783770	41.790	ng/ul	99
44) 2-Chloronaphthalene	13.333	162	1369426	41.375	ng/ul	98
45) 2-Nitroaniline	13.545	65	399643	42.971	ng/ul	97
47) Dimethylphthalate	13.922	163	1657015	41.202	ng/ul	100
48) 2,6-Dinitrotoluene	14.045	165	355894	44.430	ng/ul	97
50) Acenaphthylene	14.180	152	2244257	43.500	ng/ul	100
51) 3-Nitroaniline	14.374	138	353239	45.987	ng/ul	98
52) Acenaphthene	14.522	153	1458326	42.443	ng/ul	99
53) 2,4-Dinitrophenol	14.598	184	183689	35.003	ng/ul	93
55) 4-Nitrophenol	14.704	109	182747	27.357	ng/ul	95
56) Dibenzofuran	14.857	168	1992902	41.473	ng/ul	99
57) 2,4-Dinitrotoluene	14.839	165	511335	45.460	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.092	232	375369	38.558	ng/ul	95
59) Diethylphthalate	15.286	149	1687303	41.432	ng/ul	99
61) Fluorene	15.504	166	1613806	41.276	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.498	204	751855	37.880	ng/ul	100
63) 4-Nitroaniline	15.539	138	332067	47.715	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.604	198	292542	41.214	ng/ul	98
67) N-Nitrosodiphenylamine	15.716	169	1412240	42.567	ng/ul	100
68) 4-Bromophenyl-phenylether	16.392	248	465728	40.096	ng/ul	99
69) Hexachlorobenzene	16.516	284	529714	39.936	ng/ul	99
70) Atrazine	16.674	200	500046	38.628	ng/ul	98
71) Pentachlorophenol	16.868	266	283509	31.985	ng/ul	98
72) Phenanthrene	17.245	178	2529105	42.589	ng/ul	99
74) Anthracene	17.339	178	2626738	43.407	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.257	216	695679	36.415	ng/ul	99
76) Pentachlorobenzene	14.780	250	637704	38.857	ng/ul	99
77) Carbazole	17.615	167	2387729	44.585	ng/ul	100
78) Di-n-butylphthalate	18.174	149	2980751	38.893	ng/ul	100
80) Fluoranthene	19.268	202	2930834	40.923	ng/ul	100
82) Pyrene	19.627	202	3039995	41.240	ng/ul	99
83) Butylbenzylphthalate	20.527	149	1366768	43.284	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.309	252	964016	41.889	ng/ul	99
85) Benzo(a)anthracene	21.374	228	2936224	41.056	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.309	149	2025305	42.655	ng/ul	99
87) Chrysene	21.427	228	2889048	41.432	ng/ul	99
89) Di-n-octyl phthalate	22.209	149	3576153	40.850	ng/ul	100
90) Benzo(b)fluoranthene	23.027	252	3114445	39.222	ng/ul	99
91) Benzo(k)fluoranthene	23.068	252	3058422	40.544	ng/ul	100
93) Benzo(a)pyrene	23.633	252	3172899	41.012	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.162	276	3704304	41.667	ng/ul	98
95) Dibenzo(a,h)anthracene	26.168	278	3153073	41.291	ng/ul	99
96) Benzo(g,h,i)perylene	26.897	276	3162335	42.762	ng/ul	99

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

