

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM090420\
 Data File : BM027324.D
 Acq On : 04 Sep 2020 11:02
 Operator : JU/CG
 Sample : SSTD00502
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD00502

Quant Time: Sep 04 12:55:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 04 12:49:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	71240	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	271590	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	201791	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	485311	20.00	ng/ul	0.00
78) Chrysene-d12	21.16	240	619194	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	704674	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	3465	2.75	ng/uL	0.00
5) Phenol-d5	6.76	99	24587	4.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	18666	4.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	18780	4.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	19246	4.15	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	9841	4.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	9971	3.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	21462	4.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	22657	4.11	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	78763	4.92	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	83729	4.42	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	7572	2.80	ng/ul	0.01
58) Fluorene-d10	15.21	176	67380	4.88	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.34	200	9271	2.93	ng/ul	0.00
71) Anthracene-d10	17.06	188	110795	4.81	ng/ul	0.00
79) Pyrene-d10	19.36	212	129969	3.64	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.20	264	170662	4.34	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.17	88	3990	2.694	ng/uL# 74
4) Benzaldehyde	6.72	77	22551	5.542	ng/ul 98
6) Phenol	6.79	94	27651	4.578	ng/ul 89
8) Bis(2-Chloroethyl)ether	7.01	93	23427	4.824	ng/ul 96
10) 2-Chlorophenol	7.15	128	20503	4.512	ng/ul 91
11) 2-Methylphenol	8.02	108	18564	4.133	ng/ul 92
12) 2,2'-oxybis(1-Chloropropan	8.10	45	18870	5.019	ng/ul 96
14) Acetophenone	8.39	105	36547	4.919	ng/ul 100
15) N-Nitroso-di-n-propylamine	8.38	70	21356	4.774	ng/ul# 96
16) 4-Methylphenol	8.35	108	21763	4.519	ng/ul 99
17) Hexachloroethane	8.64	117	10869	5.075	ng/ul 92
20) Nitrobenzene	8.76	77	32888	5.053	ng/ul 98
21) Isophorone	9.29	82	53752	4.582	ng/ul 98
23) 2-Nitrophenol	9.47	139	10263	3.847	ng/ul# 94
24) 2,4-Dimethylphenol	9.53	107	25909	4.616	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.77	93	31172	4.638	ng/ul 99
27) 2,4-Dichlorophenol	10.00	162	21550	4.335	ng/ul 97
28) Naphthalene	10.39	128	72101	4.985	ng/ul 99
30) 4-Chloroaniline	10.50	127	22763	4.119	ng/ul 92
31) Hexachlorobutadiene	10.69	225	18724	5.012	ng/ul 97
32) Caprolactam	11.27	113	1957	1.313	ng/ul# 85
33) 4-Chloro-3-methylphenol	11.64	107	21212	4.081	ng/ul 98
34) 2-Methylnaphthalene	12.01	142	53329	4.854	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

35) 1-Methylnaphthalene	12.23	142	52427	4.889	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.39	216	33807	4.686	ng/ul	98
38) Hexachlorocyclopentadiene	12.37	237	15816	3.241	ng/ul	95
39) 2,4,6-Trichlorophenol	12.64	196	17829	3.881	ng/ul	94
40) 2,4,5-Trichlorophenol	12.71	196	19386	3.971	ng/ul	94
41) 1,1'-Biphenyl	13.04	154	76494	4.830	ng/ul	96
42) 2-Chloronaphthalene	13.08	162	61940	4.862	ng/ul	96
43) 2-Nitroaniline	13.29	65	14081	3.667	ng/ul	96
45) Dimethylphthalate	13.68	163	83935	5.051	ng/ul	99
46) 2,6-Dinitrotoluene	13.79	165	13011	3.800	ng/ul	98
48) Acenaphthylene	13.93	152	86190	4.554	ng/ul	98
49) 3-Nitroaniline	14.12	138	9031	3.093	ng/ul	98
50) Acenaphthene	14.27	153	64418	4.859	ng/ul	98
51) 2,4-Dinitrophenol	14.34	184	4602	2.340	ng/ul	91
53) 4-Nitrophenol	14.44	109	9780	3.820	ng/ul	87
54) Dibenzofuran	14.62	168	97313	5.113	ng/ul	96
55) 2,4-Dinitrotoluene	14.58	165	19773	4.055	ng/ul#	95
56) 2,3,4,6-Tetrachlorophenol	14.85	232	19019	4.351	ng/ul	98
57) Diethylphthalate	15.05	149	82486	4.980	ng/ul	97
59) Fluorene	15.26	166	81210	5.031	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.27	204	44821	5.082	ng/ul	97
61) 4-Nitroaniline	15.28	138	9888	3.062	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.35	198	11130	3.239	ng/ul#	97
65) N-Nitrosodiphenylamine	15.48	169	65506	4.482	ng/ul	95
66) 4-Bromophenyl-phenylether	16.16	248	27175	4.466	ng/ul	94
67) Hexachlorobenzene	16.27	284	33493	4.822	ng/ul	96
68) Atrazine	16.44	200	24278	4.048	ng/ul	98
69) Pentachlorophenol	16.62	266	14585	3.576	ng/ul	96
70) Phenanthrene	17.00	178	135923	4.907	ng/ul	99
72) Anthracene	17.09	178	137462	4.872	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.00	216	33185	4.403	ng/uL	97
74) Pentachlorobenzene	14.54	250	36383	4.675	ng/uL	96
75) Carbazole	17.36	167	105013	4.515	ng/ul	99
76) Di-n-butylphthalate	17.95	149	124597	4.186	ng/ul	99
77) Fluoranthene	19.03	202	164271	4.950	ng/ul	99
80) Pvrene	19.39	202	180324	3.775	ng/ul	99
81) Butylbenzylphthalate	20.31	149	57732	3.198	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.09	252	50475	3.499	ng/ul#	95
83) Benzo(a)anthracene	21.14	228	191941	4.675	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.10	149	89715	3.513	ng/ul#	98
85) Chrysene	21.20	228	195865	4.983	ng/ul	98
87) Di-n-octyl phthalate	21.97	149	155442	2.831	ng/ul	100
88) Benzo(b)fluoranthene	22.69	252	216179	4.303	ng/ul	98
89) Benzo(k)fluoranthene	22.73	252	214038	4.422	ng/ul	100
91) Benzo(a)pyrene	23.24	252	198919	4.512	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.49	276	271433	5.344	ng/ul	97
93) Dibenzo(a,h)anthracene	25.50	278	229541	5.327	ng/ul	99
94) Benzo(a,h,i)perylene	26.14	276	235998	5.683	ng/ul	97

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

