

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM010821\
 Data File : BM028347.D
 Acq On : 08 Jan 2021 13:18
 Operator : CG/JU
 Sample : SSTD16005
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD16005

Quant Time: Jan 08 13:49:07 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010821MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 08 12:05:12 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	37204	20.00	ng/ul	0.00
18) Naphthalene-d8	10.96	136	156615	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.76	164	89878	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.49	188	170299	20.00	ng/ul	0.00
78) Chrysene-d12	21.62	240	124553	20.00	ng/ul	0.01
86) Perylene-d12	23.94	264	119974	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	54226	57.94	ng/uL	0.00
5) Phenol-d5	7.29	99	528176	168.54	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.46	67	310165	156.19	ng/ul	0.01
9) 2-Chlorophenol-d4	7.66	132	448327	169.66	ng/ul	0.01
13) 4-Methylphenol-d8	8.86	113	433413	169.53	ng/ul	0.02
19) Nitrobenzene-d5	9.32	128	218491	177.89	ng/ul	0.02
22) 2-Nitrophenol-d4	10.05	143	245120	196.04	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.58	165	431601	170.51	ng/ul	0.02
29) 4-Chloroaniline-d4	11.10	131	445075	148.34	ng/ul	0.02
44) Dimethylphthalate-d6	14.18	166	1093433	157.92	ng/ul	0.02
47) Acenaphthylene-d8	14.47	160	1435548	165.24	ng/ul	0.01
52) 4-Nitrophenol-d4	14.97	143	218578	173.61	ng/ul	0.04
58) Fluorene-d10	15.76	176	961009	155.11	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.88	200	199834	197.05	ng/ul	0.02
71) Anthracene-d10	17.59	188	1332853	157.70	ng/ul	0.01
79) Pyrene-d10	19.86	212	1220903	175.77	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.80	264	1051632	159.15	ng/ul	0.02

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) 1,4-Dioxane	3.39	88	54794	56.737	ng/uL	98
4) Benzaldehyde	7.26	77	189044	126.662	ng/ul	99
6) Phenol	7.32	94	527095	168.253	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.56	93	411210	158.171	ng/ul	99
10) 2-Chlorophenol	7.70	128	450151	166.876	ng/ul	98
11) 2-Methylphenol	8.58	108	404067	169.141	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.68	45	669709	151.051	ng/ul	99
14) Acetophenone	8.98	105	625598	163.094	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.99	70	314059	162.758	ng/ul	95
16) 4-Methylphenol	8.94	108	433242	168.853	ng/ul	94
17) Hexachloroethane	9.23	117	188321	164.272	ng/ul	97
20) Nitrobenzene	9.37	77	496641	163.449	ng/ul	99
21) Isophorone	9.90	82	875176	165.696	ng/ul	100
23) 2-Nitrophenol	10.08	139	254894	185.001	ng/ul	96
24) 2,4-Dimethylphenol	10.13	107	472826	161.775	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.37	93	549828	153.315	ng/ul	100
27) 2,4-Dichlorophenol	10.61	162	409208	166.188	ng/ul	100
28) Naphthalene	11.02	128	1403676	158.051	ng/ul	99
30) 4-Chloroaniline	11.12	127	430453	148.835	ng/ul	100
31) Hexachlorobutadiene	11.29	225	253263	155.442	ng/ul	100
32) Caprolactam	11.95	113	72587	102.651	ng/ul	99
33) 4-Chloro-3-methylphenol	12.25	107	428524	165.580	ng/ul	98
34) 2-Methylnaphthalene	12.61	142	952499	157.487	ng/ul	100

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35) 1-Methylnaphthalene	12.83	142	1108974	156.668	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.97	216	464920	157.827	ng/ul	99
38) Hexachlorocyclopentadiene	12.95	237	304751	170.761	ng/ul	98
39) 2,4,6-Trichlorophenol	13.21	196	313622	174.955	ng/ul	99
40) 2,4,5-Trichlorophenol	13.29	196	331717	170.950	ng/ul	98
41) 1,1'-Biphenyl	13.61	154	1194399	157.692	ng/ul	99
42) 2-Chloronaphthalene	13.66	162	945239	159.473	ng/ul	99
43) 2-Nitroaniline	13.86	65	288485	181.912	ng/ul	98
45) Dimethylphthalate	14.23	163	1099842	155.445	ng/ul	100
46) 2,6-Dinitrotoluene	14.36	165	251740	187.152	ng/ul	95
48) Acenaphthylene	14.50	152	1427520	162.112	ng/ul	99
49) 3-Nitroaniline	14.68	138	199785	165.050	ng/ul	98
50) Acenaphthene	14.84	153	997431	157.816	ng/ul	100
51) 2,4-Dinitrophenol	14.88	184	159231	211.634	ng/ul	98
53) 4-Nitrophenol	14.99	109	158239	161.507	ng/ul	96
54) Dibenzofuran	15.17	168	1332611	154.059	ng/ul	99
55) 2,4-Dinitrotoluene	15.13	165	337101	174.044	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.39	232	280079	173.774	ng/ul	99
57) Diethylphthalate	15.58	149	1109175	154.140	ng/ul	98
59) Fluorene	15.82	166	1089847	150.891	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.80	204	529875	150.567	ng/ul	99
61) 4-Nitroaniline	15.85	138	211607	170.173	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.90	198	204541	187.057	ng/ul#	99
65) N-Nitrosodiphenylamine	16.01	169	915661	165.282	ng/ul	100
66) 4-Bromophenyl-phenylether	16.69	248	325001	166.714	ng/ul	98
67) Hexachlorobenzene	16.80	284	355642	159.522	ng/ul	99
68) Atrazine	16.96	200	305773	164.428	ng/ul	98
69) Pentachlorophenol	17.14	266	223211	177.437	ng/ul	99
70) Phenanthrene	17.54	178	1588986	154.124	ng/ul	99
72) Anthracene	17.63	178	1618920	154.305	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.57	216	459790	170.604	ng/uL	99
74) Pentachlorobenzene	15.09	250	435446	166.105	ng/uL	99
75) Carbazole	17.89	167	1374564	157.061	ng/ul	99
76) Di-n-butylphthalate	18.43	149	1711106	158.833	ng/ul	99
77) Fluoranthene	19.52	202	1587672	145.906	ng/ul	97
80) Pyrene	19.89	202	1583901	168.745	ng/ul	98
81) Butylbenzylphthalate	20.74	149	648733	184.131	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.53	252	372697	156.226	ng/ul	99
83) Benzo(a)anthracene	21.60	228	1280098	153.333	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	882589	176.525	ng/ul	97
85) Chrysene	21.66	228	1236354	150.685	ng/ul	99
87) Di-n-octyl phthalate	22.40	149	1427729	165.279	ng/ul	100
88) Benzo(b)fluoranthene	23.24	252	1268883	156.422	ng/ul	100
89) Benzo(k)fluoranthene	23.29	252	1192746	148.255	ng/ul	100
91) Benzo(a)pyrene	23.86	252	1145984	156.742	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	26.36	276	1364998	163.474	ng/ul	95
93) Dibenzo(a,h)anthracene	26.37	278	1140075	161.081	ng/ul	99
94) Benzo(a,h,i)perylene	27.10	276	1171246	167.021	ng/ul	99

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

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