

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051320\
 Data File : BM025977.D
 Acq On : 13 May 2020 12:24
 Operator : MA/SJ
 Sample : SSTD02054
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02054

Quant Time: May 13 13:02:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 13 13:00:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	112474	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	456063	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.15	164	265985	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.90	188	565161	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	598478	20.00	ng/ul	0.00
86) Perylene-d12	23.22	264	619723	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	28346	10.57	ng/uL	0.00
5) Phenol-d5	6.69	99	208088	23.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	146693	28.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	155149	21.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	156906	21.51	ng/ul	0.00
19) Nitrobenzene-d5	8.65	128	71760	21.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	71665	19.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.90	165	144851	19.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.41	131	158799	18.56	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	410076	20.29	ng/ul	0.00
47) Acenaphthylene-d8	13.84	160	490483	20.25	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	74367	19.32	ng/ul	0.00
58) Fluorene-d10	15.15	176	356238	20.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.28	200	61553	17.85	ng/ul	0.00
71) Anthracene-d10	17.00	188	533536	20.21	ng/ul	0.00
79) Pyrene-d10	19.30	212	592329	20.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.09	264	649369	20.47	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.11	88	30186	10.46	ng/uL 100
4) Benzaldehyde	6.66	77	152718	32.48	ng/ul 100
6) Phenol	6.72	94	236325	25.49	ng/ul 100
8) Bis(2-Chloroethyl)ether	6.95	93	182130	24.81	ng/ul 100
10) 2-Chlorophenol	7.07	128	169867	22.40	ng/ul 100
11) 2-Methylphenol	7.95	108	162484	22.91	ng/ul 100
12) 2,2'-oxybis(1-Chloropropan	8.05	45	335305	34.23	ng/ul 100
14) Acetophenone	8.32	105	269174	23.93	ng/ul 100
15) N-Nitroso-di-n-propylamine	8.31	70	149498	26.52	ng/ul 100
16) 4-Methylphenol	8.28	108	177627	22.94	ng/ul 100
17) Hexachloroethane	8.57	117	71945	22.82	ng/ul 100
20) Nitrobenzene	8.69	77	224321	27.16	ng/ul 100
21) Isophorone	9.22	82	369858	24.25	ng/ul 100
23) 2-Nitrophenol	9.39	139	84402	20.85	ng/ul 100
24) 2,4-Dimethylphenol	9.47	107	197098	24.02	ng/ul 100
25) Bis(2-Chloroethoxy)methane	9.70	93	230507	23.58	ng/ul 100
27) 2,4-Dichlorophenol	9.93	162	148338	20.29	ng/ul 100
28) Naphthalene	10.32	128	535344	21.55	ng/ul 100
30) 4-Chloroaniline	10.43	127	167849	19.33	ng/ul 100
31) Hexachlorobutadiene	10.62	225	98601	20.64	ng/ul 100
32) Caprolactam	11.20	113	39988	16.54	ng/ul 100
33) 4-Chloro-3-methylphenol	11.57	107	174677	22.98	ng/ul 100
34) 2-Methylnaphthalene	11.94	142	360891	20.34	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.16	142	335020	18.94	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.32	216	185098	22.00	ng/ul	100
38) Hexachlorocyclopentadiene	12.30	237	104971	18.28	ng/ul	100
39) 2,4,6-Trichlorophenol	12.57	196	109340	20.44	ng/ul	100
40) 2,4,5-Trichlorophenol	12.64	196	119425	20.51	ng/ul	100
41) 1,1'-Biphenyl	12.97	154	451305	21.24	ng/ul	100
42) 2-Chloronaphthalene	13.01	162	349356	20.87	ng/ul	100
43) 2-Nitroaniline	13.22	65	121226	28.98	ng/ul	100
45) Dimethylphthalate	13.62	163	428322	20.35	ng/ul	100
46) 2,6-Dinitrotoluene	13.73	165	81190	19.62	ng/ul	100
48) Acenaphthylene	13.86	152	541658	20.65	ng/ul	100
49) 3-Nitroaniline	14.06	138	73465	19.68	ng/ul	100
50) Acenaphthene	14.22	153	373802	20.96	ng/ul	100
51) 2,4-Dinitrophenol	14.27	184	38441	15.48	ng/ul	100
53) 4-Nitrophenol	14.37	109	68726	22.84	ng/ul	100
54) Dibenzofuran	14.55	168	530105	20.96	ng/ul	100
55) 2,4-Dinitrotoluene	14.52	165	120768	19.96	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.79	232	102012	19.33	ng/ul	100
57) Diethylphthalate	15.00	149	429098	19.89	ng/ul	100
59) Fluorene	15.20	166	428022	20.12	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.21	204	210768	19.35	ng/ul	100
61) 4-Nitroaniline	15.22	138	91576	20.61	ng/ul	100
64) 4,6-Dinitro-2-methylphenol	15.29	198	64897	17.21	ng/ul	100
65) N-Nitrosodiphenylamine	15.42	169	361001	20.67	ng/ul	100
66) 4-Bromophenyl-phenylether	16.10	248	126671	18.17	ng/ul	100
67) Hexachlorobenzene	16.22	284	140838	16.46	ng/ul	100
68) Atrazine	16.39	200	124237	18.86	ng/ul	100
69) Pentachlorophenol	16.56	266	78516	15.71	ng/ul	100
70) Phenanthrene	16.94	178	681604	20.49	ng/ul	100
72) Anthracene	17.03	178	686945	20.26	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.93	216	178234	20.58	ng/uL	100
74) Pentachlorobenzene	14.47	250	171177	17.76	ng/uL	100
75) Carbazole	17.30	167	605130	20.42	ng/ul	100
76) Di-n-butylphthalate	17.89	149	693483	20.05	ng/ul	100
77) Fluoranthene	18.96	202	768696	19.60	ng/ul	100
80) Pyrene	19.32	202	815536	20.29	ng/ul	100
81) Butylbenzylphthalate	20.25	149	294636	19.25	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.02	252	215169	15.82	ng/ul	100
83) Benzo(a)anthracene	21.08	228	792973	20.10	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.04	149	458399	19.30	ng/ul	100
85) Chrysene	21.13	228	791439	20.44	ng/ul	100
87) Di-n-octyl phthalate	21.90	149	754304	20.31	ng/ul	100
88) Benzo(b)fluoranthene	22.59	252	838608	21.69	ng/ul	100
89) Benzo(k)fluoranthene	22.63	252	794779	20.87	ng/ul	100
91) Benzo(a)pyrene	23.13	252	723441	20.56	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.31	276	922756	19.86	ng/ul	100
93) Dibenzo(a,h)anthracene	25.32	278	780226	19.83	ng/ul	100
94) Benzo(g,h,i)perylene	25.94	276	763855	19.94	ng/ul	100

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

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