

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011520\
 Data File : BM024479.D
 Acq On : 15 Jan 2020 18:45
 Operator : JU
 Sample : SSTD01006
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD01006

Manual Integrations
 APPROVED

mohammad
 1/16/2020 2:25:16 PM

Quant Time: Jan 16 01:38:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 16 01:05:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	167521	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	753104	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.11	164	588110	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	1391823	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1425580	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	1447814	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	13615	3.51	ng/uL	0.00
5) Phenol-d5	6.65	99	104478	7.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	65994	8.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	99722	9.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	100063	9.52	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	48774	8.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	50451	9.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	116739	9.83	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	142790	10.66	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	447213	10.59	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	509451	9.34	ng/ul	0.00
52) 4-Nitrophenol-d4	14.32	143	64048	8.60	ng/ul	0.00
58) Fluorene-d10	15.11	176	392886	10.49	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.23	200	57537	9.23	ng/ul	0.00
71) Anthracene-d10	16.96	188	631589	9.69	ng/ul	0.00
79) Pyrene-d10	19.26	212	729937	9.58	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	707957	9.58	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.10	88	13783	3.531	ng/uL 89
4) Benzaldehyde	6.62	77	80770	11.165	ng/ul 97
6) Phenol	6.68	94	109184	8.190	ng/ul 98
8) Bis(2-Chloroethyl)ether	6.90	93	93329	8.933	ng/ul 96
10) 2-Chlorophenol	7.03	128	98456	8.932	ng/ul 99
11) 2-Methylphenol	7.91	108	90198	8.994	ng/ul 95
12) 2,2'-oxybis(1-Chloropropan	8.00	45	112499	8.004	ng/ul 99
14) Acetophenone	8.27	105	170748	10.565	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.27	70	82828	10.133	ng/ul 99
16) 4-Methylphenol	8.23	108	102348	9.533	ng/ul 95
17) Hexachloroethane	8.53	117	45613	9.492	ng/ul 97
20) Nitrobenzene	8.64	77	125188	9.023	ng/ul 98
21) Isophorone	9.17	82	243735	9.625	ng/ul 100
23) 2-Nitrophenol	9.35	139	56724	9.505	ng/ul 97
24) 2,4-Dimethylphenol	9.43	107	130569	9.615	ng/ul 97
25) Bis(2-Chloroethoxy)methane	9.66	93	142120	9.371	ng/ul 98
27) 2,4-Dichlorophenol	9.88	162	117888	10.367	ng/ul 97
28) Naphthalene	10.27	128	378561	9.725	ng/ul 99
30) 4-Chloroaniline	10.39	127	142217	10.850	ng/ul 100
31) Hexachlorobutadiene	10.58	225	96541	11.695	ng/ul 95
32) Caprolactam	11.14	113	34589m	10.001	ng/ul
33) 4-Chloro-3-methylphenol	11.52	107	124454	10.472	ng/ul 98
34) 2-Methylnaphthalene	11.90	142	293182	10.872	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.12	142	298125	11.048	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.28	216	184208	9.546	ng/ul	98
38) Hexachlorocyclopentadiene	12.27	237	119194	8.438	ng/ul	98
39) 2,4,6-Trichlorophenol	12.52	196	110317	9.659	ng/ul	99
40) 2,4,5-Trichlorophenol	12.59	196	115936	9.443	ng/ul	98
41) 1,1'-Biphenyl	12.93	154	411479	9.120	ng/ul	99
42) 2-Chloronaphthalene	12.97	162	330235	9.132	ng/ul	98
43) 2-Nitroaniline	13.17	65	70317	8.014	ng/ul	97
45) Dimethylphthalate	13.58	163	465245	10.733	ng/ul	100
46) 2,6-Dinitrotoluene	13.69	165	79305	10.200	ng/ul	98
48) Acenaphthylene	13.82	152	526154	9.362	ng/ul	99
49) 3-Nitroaniline	14.01	138	66820	9.259	ng/ul	99
50) Acenaphthene	14.17	153	357328	9.562	ng/ul	98
51) 2,4-Dinitrophenol	14.22	184	32639	9.771	ng/ul	95
53) 4-Nitrophenol	14.33	109	62733	9.656	ng/ul	95
54) Dibenzofuran	14.51	168	527091	10.215	ng/ul	99
55) 2,4-Dinitrotoluene	14.47	165	121489	11.264	ng/ul#	97
56) 2,3,4,6-Tetrachlorophenol	14.74	232	116468	11.865	ng/ul	98
57) Diethylphthalate	14.96	149	464048	10.887	ng/ul	99
59) Fluorene	15.17	166	439595	10.315	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.17	204	249755	11.235	ng/ul	98
61) 4-Nitroaniline	15.18	138	78467	9.106	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.24	198	61909	9.062	ng/ul#	98
65) N-Nitrosodiphenylamine	15.39	169	376549	9.099	ng/ul	100
66) 4-Bromophenyl-phenylether	16.06	248	157988	10.087	ng/ul	93
67) Hexachlorobenzene	16.17	284	184488	10.136	ng/ul	99
68) Atrazine	16.35	200	148770	9.672	ng/ul	98
69) Pentachlorophenol	16.52	266	91358	9.235	ng/ul	97
70) Phenanthrene	16.90	178	729787	9.614	ng/ul	100
72) Anthracene	16.99	178	744618	9.573	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.89	216	189404	8.562	ng/uL	99
74) Pentachlorobenzene	14.43	250	203795	9.566	ng/uL	97
75) Carbazole	17.26	167	607285	9.045	ng/ul	99
76) Di-n-butylphthalate	17.86	149	770046	9.792	ng/ul	98
77) Fluoranthene	18.93	202	901004	10.205	ng/ul	98
80) Pvrene	19.29	202	938983	9.526	ng/ul	99
81) Butylbenzylphthalate	20.23	149	301300	8.492	ng/ul	99
82) 3,3'-Dichlorobenzidine	20.99	252	284196	8.650	ng/ul	100
83) Benzo(a)anthracene	21.05	228	945584	9.735	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.03	149	497458	9.216	ng/ul	100
85) Chrysene	21.10	228	905793	9.666	ng/ul	99
87) Di-n-octyl phthalate	21.89	149	788814	9.808	ng/ul	100
88) Benzo(b)fluoranthene	22.56	252	904615	10.234	ng/ul	100
89) Benzo(k)fluoranthene	22.60	252	884389	10.205	ng/ul	99
91) Benzo(a)pyrene	23.10	252	790067	9.641	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.26	276	836338	7.920	ng/ul	96
93) Dibenzo(a,h)anthracene	25.27	278	703632	7.858	ng/ul	99
94) Benzo(a,h,i)perylene	25.89	276	668392	7.548	ng/ul	99

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

