

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011520\
 Data File : BM024482.D
 Acq On : 15 Jan 2020 20:33
 Operator : JU
 Sample : SSTD08003
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD08003

Manual Integrations
 APPROVED

mohammad
 1/16/2020 2:25:24 PM

Quant Time: Jan 16 01:29:11 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	182794	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	823937	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.11	164	614894	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	1433420	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1436458	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	1290188	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	115059	27.16	ng/uL	0.00
5) Phenol-d5	6.66	99	1143295	80.10	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.82	67	598888	71.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.01	132	1012792	83.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	1034860	90.26	ng/ul	0.01
19) Nitrobenzene-d5	8.61	128	513524	83.11	ng/ul	0.01
22) 2-Nitrophenol-d4	9.32	143	602289	101.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	1245508	95.84	ng/ul	0.01
29) 4-Chloroaniline-d4	10.37	131	1352507	92.27	ng/ul	0.01
44) Dimethylphthalate-d6	13.54	166	3941106	89.23	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	4742622	83.17	ng/ul	0.00
52) 4-Nitrophenol-d4	14.34	143	704894	90.51	ng/ul	0.02
58) Fluorene-d10	15.12	176	3527565	90.11	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	756033	117.72	ng/ul	0.02
71) Anthracene-d10	16.97	188	5613067	83.61	ng/ul	0.01
79) Pyrene-d10	19.27	212	6528180	85.06	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	5887075	89.36	ng/ul	0.01

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.09	88	114226	26.815	ng/uL 94
4) Benzaldehyde	6.62	77	560958	71.062	ng/ul 98
6) Phenol	6.69	94	1145561	78.747	ng/ul 100
8) Bis(2-Chloroethyl)ether	6.91	93	861241	75.545	ng/ul 99
10) 2-Chlorophenol	7.04	128	1010690	84.033	ng/ul 98
11) 2-Methylphenol	7.92	108	940628	85.961	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.00	45	1006848	65.652	ng/ul 99
14) Acetophenone	8.28	105	1575263	89.328	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.29	70	766318	85.920	ng/ul 97
16) 4-Methylphenol	8.26	108	1041623	88.916	ng/ul 95
17) Hexachloroethane	8.53	117	421794	80.438	ng/ul 99
20) Nitrobenzene	8.65	77	1181609	77.847	ng/ul 97
21) Isophorone	9.19	82	2266696	81.818	ng/ul 99
23) 2-Nitrophenol	9.35	139	636370	97.471	ng/ul 94
24) 2,4-Dimethylphenol	9.43	107	1267618	85.318	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.67	93	1306393	78.735	ng/ul 99
27) 2,4-Dichlorophenol	9.89	162	1201615	96.588	ng/ul 99
28) Naphthalene	10.27	128	3486598	81.867	ng/ul 100
30) 4-Chloroaniline	10.39	127	1321095	92.122	ng/ul 98
31) Hexachlorobutadiene	10.58	225	877897	97.208	ng/ul 99
32) Caprolactam	11.18	113	340331m	89.940	ng/ul
33) 4-Chloro-3-methylphenol	11.54	107	1230930	94.671	ng/ul 97
34) 2-Methylnaphthalene	11.90	142	2712887	91.952	ng/ul 98

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35) 1-Methylnaphthalene	12.13	142	2738160	92.747	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.29	216	1738751	86.184	ng/ul	99
38) Hexachlorocyclopentadiene	12.27	237	1270806	86.040	ng/ul	99
39) 2,4,6-Trichlorophenol	12.53	196	1115419	93.408	ng/ul	98
40) 2,4,5-Trichlorophenol	12.60	196	1189156	92.641	ng/ul	98
41) 1,1'-Biphenyl	12.94	154	3765431	79.819	ng/ul	100
42) 2-Chloronaphthalene	12.97	162	3032085	80.196	ng/ul	99
43) 2-Nitroaniline	13.19	65	780101	85.036	ng/ul	97
45) Dimethylphthalate	13.59	163	4000668	88.273	ng/ul	100
46) 2,6-Dinitrotoluene	13.70	165	863252	106.192	ng/ul	98
48) Acenaphthylene	13.83	152	4786980	81.463	ng/ul	100
49) 3-Nitroaniline	14.02	138	655961	86.934	ng/ul	98
50) Acenaphthene	14.18	153	3231733	82.714	ng/ul	100
51) 2,4-Dinitrophenol	14.23	184	483068	138.321	ng/ul	98
53) 4-Nitrophenol	14.36	109	647242	95.286	ng/ul	94
54) Dibenzofuran	14.52	168	4638440	85.980	ng/ul	99
55) 2,4-Dinitrotoluene	14.49	165	1262113	111.917	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.75	232	1148722	111.926	ng/ul	99
57) Diethylphthalate	14.98	149	4177554	93.744	ng/ul	99
59) Fluorene	15.17	166	4049843	90.889	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.18	204	2287322	98.415	ng/ul	96
61) 4-Nitroaniline	15.20	138	778370	86.396	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.26	198	794480	112.922	ng/ul#	97
65) N-Nitrosodiphenylamine	15.39	169	3398004	79.731	ng/ul	99
66) 4-Bromophenyl-phenylether	16.07	248	1468691	91.048	ng/ul	98
67) Hexachlorobenzene	16.18	284	1621988	86.524	ng/ul	98
68) Atrazine	16.36	200	1413967	89.262	ng/ul	98
69) Pentachlorophenol	16.52	266	1021711	100.286	ng/ul	98
70) Phenanthrene	16.91	178	6480094	82.891	ng/ul	100
72) Anthracene	17.00	178	6656912	83.101	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.90	216	1746847	76.675	ng/uL	99
74) Pentachlorobenzene	14.44	250	1812969	82.631	ng/uL	99
75) Carbazole	17.27	167	5512623	79.726	ng/ul	100
76) Di-n-butylphthalate	17.87	149	7276007	89.836	ng/ul	99
77) Fluoranthene	18.93	202	8085687	88.922	ng/ul	98
80) Pvrene	19.30	202	8230961	82.870	ng/ul	97
81) Butylbenzylphthalate	20.23	149	3322986	92.952	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.00	252	2701584	81.608	ng/ul	98
83) Benzo(a)anthracene	21.06	228	8195855	83.735	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.03	149	4989662	91.741	ng/ul	99
85) Chrysene	21.12	228	7789161	82.487	ng/ul	99
87) Di-n-octyl phthalate	21.89	149	8167676	113.965	ng/ul	100
88) Benzo(b)fluoranthene	22.57	252	7384522	93.747	ng/ul	100
89) Benzo(k)fluoranthene	22.61	252	7477482	96.825	ng/ul	98
91) Benzo(a)pyrene	23.11	252	6475728	88.674	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.29	276	6475077	68.808	ng/ul	96
93) Dibenzo(a,h)anthracene	25.30	278	5545041	69.494	ng/ul	99
94) Benzo(a,h,i)perylene	25.91	276	5005980	63.439	ng/ul	100

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