

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090519\
 Data File : BM022526.D
 Acq On : 05 Sep 2019 17:58
 Operator : HP/JU
 Sample : SSTD04049
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD04049

Manual Integrations
 APPROVED

mohammad
 9/9/2019 5:22:30 PM

Quant Time: Sep 05 18:49:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 05 18:23:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	224046	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	999428	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.50	164	637259	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.24	188	1313086	20.00	ng/ul	0.00
78) Chrysene-d12	21.42	240	1361215	20.00	ng/ul	0.00
86) Perylene-d12	23.72	264	1613892	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	89065	17.00	ng/uL	0.00
5) Phenol-d5	7.02	99	869266	46.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	501738	42.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	689968	44.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	712403	48.72	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	320320	48.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.74	143	307010	51.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.28	165	725899	47.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	977400	53.36	ng/ul	0.00
44) Dimethylphthalate-d6	13.91	166	2157783	42.17	ng/ul	0.00
47) Acenaphthylene-d8	14.19	160	2542201	38.46	ng/ul	0.00
52) 4-Nitrophenol-d4	14.68	143	384918	45.84	ng/ul	0.01
58) Fluorene-d10	15.49	176	1785495	39.98	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.60	200	247732	45.96	ng/ul	0.00
71) Anthracene-d10	17.34	188	2776023	43.82	ng/ul	0.00
79) Pyrene-d10	19.63	212	3126009	47.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.57	264	3657617	43.45	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.34	88	91588	16.799	ng/uL 94
4) Benzaldehyde	7.00	77	428605	40.302	ng/ul 98
6) Phenol	7.05	94	911526	48.323	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.29	93	697457	48.023	ng/ul 99
10) 2-Chlorophenol	7.43	128	733667	47.361	ng/ul 99
11) 2-Methylphenol	8.30	108	716735	50.697	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.40	45	1029569	44.828	ng/ul 99
14) Acetophenone	8.69	105	1113982	49.152	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.68	70	599702	52.878	ng/ul 99
16) 4-Methylphenol	8.63	108	781963	52.326	ng/ul 97
17) Hexachloroethane	8.95	117	291480	47.905	ng/ul 98
20) Nitrobenzene	9.06	77	799557	48.133	ng/ul 98
21) Isophorone	9.59	82	1709250	51.776	ng/ul 100
23) 2-Nitrophenol	9.77	139	371340	53.875	ng/ul 99
24) 2,4-Dimethylphenol	9.83	107	852373	47.924	ng/ul 99
25) Bis(2-Chloroethoxy)methane	10.07	93	1009641	49.478	ng/ul 100
27) 2,4-Dichlorophenol	10.30	162	722535	49.568	ng/ul 99
28) Naphthalene	10.72	128	2344184	45.615	ng/ul 99
30) 4-Chloroaniline	10.81	127	1023044	55.826	ng/ul 99
31) Hexachlorobutadiene	11.01	225	430969	43.801	ng/ul 99
32) Caprolactam	11.57	113	249747m	54.177	ng/ul
33) 4-Chloro-3-methylphenol	11.93	107	794942	52.034	ng/ul 99
34) 2-Methylnaphthalene	12.33	142	1751994	48.385	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.55	142	1668664	46.084	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.69	216	875502	40.003	ng/ul	99
38) Hexachlorocyclopentadiene	12.68	237	543656	39.895	ng/ul	99
39) 2,4,6-Trichlorophenol	12.93	196	562179	45.109	ng/ul	99
40) 2,4,5-Trichlorophenol	13.00	196	612349	45.022	ng/ul	98
41) 1,1'-Biphenyl	13.34	154	2240629	42.265	ng/ul	100
42) 2-Chloronaphthalene	13.37	162	1694391	40.840	ng/ul	100
43) 2-Nitroaniline	13.57	65	454371	49.716	ng/ul	98
45) Dimethylphthalate	13.96	163	2187994	43.754	ng/ul	99
46) 2,6-Dinitrotoluene	14.07	165	407939	53.112	ng/ul	97
48) Acenaphthylene	14.22	152	2727204	43.598	ng/ul	100
49) 3-Nitroaniline	14.39	138	407817	48.827	ng/ul	97
50) Acenaphthene	14.56	153	1869000	42.084	ng/ul	99
51) 2,4-Dinitrophenol	14.59	184	158117	46.022	ng/ul#	78
53) 4-Nitrophenol	14.69	109	310690	48.013	ng/ul	95
54) Dibenzofuran	14.90	168	2589275	42.494	ng/ul	98
55) 2,4-Dinitrotoluene	14.85	165	609868	53.998	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	15.12	232	518451	47.127	ng/ul	97
57) Diethylphthalate	15.33	149	2273557	45.891	ng/ul	99
59) Fluorene	15.54	166	2136418	42.678	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.54	204	1041058	41.016	ng/ul	98
61) 4-Nitroaniline	15.55	138	448341	43.699	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.62	198	299804	49.602	ng/ul	99
65) N-Nitrosodiphenylamine	15.75	169	1882528	46.348	ng/ul	99
66) 4-Bromophenyl-phenylether	16.43	248	687488	46.275	ng/ul	98
67) Hexachlorobenzene	16.55	284	760810	47.585	ng/ul	96
68) Atrazine	16.70	200	708927	49.384	ng/ul	99
69) Pentachlorophenol	16.89	266	431970	49.962	ng/ul	99
70) Phenanthrene	17.28	178	3398836	46.599	ng/ul	99
72) Anthracene	17.37	178	3472590	46.374	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.30	216	874025	40.217	ng/uL	100
74) Pentachlorobenzene	14.82	250	866723	44.211	ng/uL	99
75) Carbazole	17.63	167	3278347	49.803	ng/ul	100
76) Di-n-butylphthalate	18.22	149	3987202	52.062	ng/ul	100
77) Fluoranthene	19.29	202	4059510	48.553	ng/ul	98
80) Pvrene	19.66	202	4114064	49.222	ng/ul	100
81) Butylbenzylphthalate	20.56	149	1839759	59.519	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.33	252	1539193	57.080	ng/ul	99
83) Benzo(a)anthracene	21.40	228	4203673	49.884	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.35	149	2700933	55.599	ng/ul	99
85) Chrysene	21.46	228	3873966	49.295	ng/ul	98
87) Di-n-octyl phthalate	22.25	149	4758550	49.074	ng/ul	100
88) Benzo(b)fluoranthene	23.02	252	4389332	45.438	ng/ul	99
89) Benzo(k)fluoranthene	23.07	252	4298118	46.337	ng/ul	99
91) Benzo(a)pyrene	23.62	252	4252113	46.179	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	26.07	276	5116157	46.578	ng/ul	98
93) Dibenzo(a,h)anthracene	26.08	278	4241080	46.158	ng/ul	99
94) Benzo(a,h,i)perylene	26.78	276	4202773	46.143	ng/ul	99

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