

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072720\
 Data File : BM026869.D
 Acq On : 27 Jul 2020 12:29
 Operator : JU/CG
 Sample : SSTD04001
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD04001

Manual Integrations
 APPROVED

mohammad
 7/28/2020 11:44:06 AM

Quant Time: Jul 27 13:01:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 27 12:34:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	76594	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	298118	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	183600	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	378513	20.00	ng/ul	0.00
78) Chrysene-d12	21.25	240	375270	20.00	ng/ul	0.00
86) Perylene-d12	23.47	264	365157	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	26904	10.55	ng/uL	0.00
5) Phenol-d5	6.85	99	262422	37.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	178434	37.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	197256	36.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	202894	36.16	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	90995	38.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	86835	34.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	202288	41.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	251048	48.43	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	564355	38.53	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	723764	40.90	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	96167	45.50	ng/ul	0.00
58) Fluorene-d10	15.31	176	498210	38.85	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	65344	27.63	ng/ul	0.00
71) Anthracene-d10	17.15	188	747422	40.10	ng/ul	0.00
79) Pyrene-d10	19.45	212	797960	40.92	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.33	264	826352	41.93	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.25	88	32187	11.663	ng/uL 97
4) Benzaldehyde	6.82	77	209061	56.120	ng/ul 97
6) Phenol	6.88	94	280147	36.326	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.11	93	222097	37.822	ng/ul 98
10) 2-Chlorophenol	7.25	128	208875	35.153	ng/ul 98
11) 2-Methylphenol	8.11	108	200518	36.391	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.21	45	196942	17.288	ng/ul 99
14) Acetophenone	8.49	105	332617	34.993	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.48	70	203822	36.298	ng/ul 98
16) 4-Methylphenol	8.44	108	212809	34.746	ng/ul 98
17) Hexachloroethane	8.75	117	98208	37.299	ng/ul 96
20) Nitrobenzene	8.86	77	296362	39.861	ng/ul 99
21) Isophorone	9.39	82	518262	41.467	ng/ul 98
23) 2-Nitrophenol	9.57	139	101887	35.029	ng/ul 96
24) 2,4-Dimethylphenol	9.64	107	249328	37.223	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.88	93	289512	38.959	ng/ul 99
27) 2,4-Dichlorophenol	10.10	162	197216	38.769	ng/ul 99
28) Naphthalene	10.50	128	658297	37.307	ng/ul 98
30) 4-Chloroaniline	10.61	127	249684	45.331	ng/ul 98
31) Hexachlorobutadiene	10.81	225	137513	37.301	ng/ul 98
32) Caprolactam	11.35	113	60079m	42.763	ng/ul
33) 4-Chloro-3-methylphenol	11.74	107	217196	37.523	ng/ul 99
34) 2-Methylnaphthalene	12.12	142	461958	37.370	ng/ul 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.34	142	448453	38.921	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.50	216	246497	36.937	ng/ul	98
38) Hexachlorocyclopentadiene	12.49	237	163810	48.100	ng/ul	100
39) 2,4,6-Trichlorophenol	12.74	196	147317	37.395	ng/ul	96
40) 2,4,5-Trichlorophenol	12.80	196	156970	36.434	ng/ul	96
41) 1,1'-Biphenyl	13.14	154	600246	37.770	ng/ul	98
42) 2-Chloronaphthalene	13.18	162	481369	38.481	ng/ul	99
43) 2-Nitroaniline	13.38	65	153681	36.543	ng/ul	98
45) Dimethylphthalate	13.78	163	596689	38.925	ng/ul	98
46) 2,6-Dinitrotoluene	13.88	165	111996	37.802	ng/ul	99
48) Acenaphthylene	14.03	152	727431	38.381	ng/ul	100
49) 3-Nitroaniline	14.21	138	108434	44.031	ng/ul	98
50) Acenaphthene	14.38	153	503860	37.614	ng/ul	99
51) 2,4-Dinitrophenol	14.41	184	40757	26.479	ng/ul	98
53) 4-Nitrophenol	14.52	109	95617	43.953	ng/ul	96
54) Dibenzofuran	14.71	168	693410	36.482	ng/ul	100
55) 2,4-Dinitrotoluene	14.67	165	163775	37.170	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	14.94	232	123867	33.399	ng/ul#	98
57) Diethylphthalate	15.15	149	598672	38.858	ng/ul	99
59) Fluorene	15.37	166	591123	38.066	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.37	204	295331	36.590	ng/ul	99
61) 4-Nitroaniline	15.37	138	128217	46.031	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.44	198	76185	30.415	ng/ul	95
65) N-Nitrosodiphenylamine	15.57	169	486056	38.404	ng/ul	99
66) 4-Bromophenyl-phenylether	16.26	248	175371	38.433	ng/ul	99
67) Hexachlorobenzene	16.37	284	198156	38.108	ng/ul	95
68) Atrazine	16.53	200	179728	43.588	ng/ul	99
69) Pentachlorophenol	16.71	266	99116	38.654	ng/ul	97
70) Phenanthrene	17.09	178	913785	38.769	ng/ul	100
72) Anthracene	17.19	178	936458	39.376	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.11	216	235742	36.124	ng/uL	99
74) Pentachlorobenzene	14.64	250	226531	36.242	ng/uL	99
75) Carbazole	17.45	167	813275	42.710	ng/ul	100
76) Di-n-butylphthalate	18.05	149	986120	42.802	ng/ul	99
77) Fluoranthene	19.12	202	1050167	43.072	ng/ul	99
80) Pvrene	19.48	202	1073452	40.364	ng/ul	99
81) Butylbenzylphthalate	20.41	149	416446	44.141	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.17	252	364453	48.180	ng/ul	100
83) Benzo(a)anthracene	21.24	228	1026795	39.748	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.21	149	608628	43.318	ng/ul	98
85) Chrysene	21.29	228	985274	38.446	ng/ul	99
87) Di-n-octyl phthalate	22.08	149	1044593	46.425	ng/ul	100
88) Benzo(b)fluoranthene	22.81	252	1064026	42.899	ng/ul	99
89) Benzo(k)fluoranthene	22.85	252	982885	39.982	ng/ul	100
91) Benzo(a)pyrene	23.38	252	935807	42.529	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.70	276	1177337	40.998	ng/ul	99
93) Dibenzo(a,h)anthracene	25.71	278	995443	41.146	ng/ul	99
94) Benzo(a,h,i)perylene	26.38	276	968046	40.416	ng/ul	98

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

