

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122619\
 Data File : BM024319.D
 Acq On : 27 Dec 2019 03:46
 Operator : JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02024

Manual Integrations
 APPROVED

mohammad
 12/27/2019 3:21:24 PM

Quant Time: Dec 27 06:55:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 26 03:43:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	230161	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.19	136	989266	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.08	164	587122	20.00	ng/ul	-0.02
62) Phenanthrene-d10	16.85	188	1155901	20.00	ng/ul	-0.01
78) Chrysene-d12	21.06	240	1081877	20.00	ng/ul	-0.01
86) Perylene-d12	23.18	264	1269282	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.99	96	44074	8.46	ng/uL	0.00
5) Phenol-d5	6.62	99	382610	17.56	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.78	67	253294	19.38	ng/ul	-0.01
9) 2-Chlorophenol-d4	6.96	132	297430	19.14	ng/ul	-0.01
13) 4-Methylphenol-d8	8.15	113	306373	17.20	ng/ul	-0.01
19) Nitrobenzene-d5	8.58	128	143851	20.24	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.29	143	154697	19.79	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.83	165	291693	19.20	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.34	131	360331	19.53	ng/ul	-0.01
44) Dimethylphthalate-d6	13.51	166	819878	18.88	ng/ul	-0.01
47) Acenaphthylene-d8	13.77	160	1026505	19.73	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.34	143	113892	14.61	ng/ul	-0.01
58) Fluorene-d10	15.09	176	706148	18.55	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.25	200	113995	16.17	ng/ul	-0.01
71) Anthracene-d10	16.94	188	1027796	19.54	ng/ul	-0.01
79) Pyrene-d10	19.25	212	1054703	20.47	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.05	264	1236892	19.62	ng/ul	-0.02

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.02	88	46884	8.124	ng/uL 95
4) Benzaldehyde	6.58	77	289042	20.516	ng/ul 99
6) Phenol	6.65	94	405024	17.998	ng/ul 99
8) Bis(2-Chloroethyl)ether	6.87	93	323383	18.546	ng/ul 97
10) 2-Chlorophenol	6.99	128	301128	18.890	ng/ul 99
11) 2-Methylphenol	7.88	108	293756	17.557	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	7.96	45	400810	19.958	ng/ul 99
14) Acetophenone	8.25	105	482242	17.950	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.23	70	278086	18.737	ng/ul 97
16) 4-Methylphenol	8.21	108	321633	17.314	ng/ul 99
17) Hexachloroethane	8.48	117	130866	19.889	ng/ul 99
20) Nitrobenzene	8.62	77	398595	20.173	ng/ul 97
21) Isophorone	9.14	82	722009	19.549	ng/ul 98
23) 2-Nitrophenol	9.32	139	170126	19.771	ng/ul 90
24) 2,4-Dimethylphenol	9.39	107	358266	19.301	ng/ul 100
25) Bis(2-Chloroethoxy)methane	9.63	93	443167	19.315	ng/ul 99
27) 2,4-Dichlorophenol	9.86	162	278200	18.707	ng/ul 99
28) Naphthalene	10.23	128	1003050	19.349	ng/ul 100
30) 4-Chloroaniline	10.37	127	358493	19.247	ng/ul 99
31) Hexachlorobutadiene	10.52	225	179080	19.479	ng/ul 98
32) Caprolactam	11.16	113	88695m	15.784	ng/ul
33) 4-Chloro-3-methylphenol	11.51	107	326684	18.307	ng/ul 96
34) 2-Methylnaphthalene	11.86	142	686645	18.531	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.09	142	700138	18.512	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.25	216	326548	20.575	ng/ul	99
38) Hexachlorocyclopentadiene	12.22	237	148726	20.797	ng/ul	97
39) 2,4,6-Trichlorophenol	12.50	196	209445	19.954	ng/ul	98
40) 2,4,5-Trichlorophenol	12.59	196	216525	19.135	ng/ul	99
41) 1,1'-Biphenyl	12.90	154	874077	19.945	ng/ul	98
42) 2-Chloronaphthalene	12.94	162	700772	20.352	ng/ul	99
43) 2-Nitroaniline	13.17	65	202842	20.093	ng/ul	95
45) Dimethylphthalate	13.56	163	854168	18.930	ng/ul	100
46) 2,6-Dinitrotoluene	13.68	165	168977	19.011	ng/ul	94
48) Acenaphthylene	13.80	152	1090359	19.742	ng/ul	99
49) 3-Nitroaniline	14.02	138	153359	18.180	ng/ul	96
50) Acenaphthene	14.15	153	742599	19.555	ng/ul	99
51) 2,4-Dinitrophenol	14.25	184	84827	16.983	ng/ul	93
53) 4-Nitrophenol	14.35	109	93336	15.016	ng/ul	96
54) Dibenzofuran	14.49	168	997054	18.886	ng/ul	97
55) 2,4-Dinitrotoluene	14.49	165	245479	18.288	ng/ul#	79
56) 2,3,4,6-Tetrachlorophenol	14.73	232	185013	18.086	ng/ul#	96
57) Diethylphthalate	14.94	149	856583	18.672	ng/ul	99
59) Fluorene	15.15	166	825431	18.514	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.15	204	399805	18.441	ng/ul	96
61) 4-Nitroaniline	15.19	138	136835	14.691	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.26	198	120720	16.029	ng/ul	95
65) N-Nitrosodiphenylamine	15.36	169	686756	20.434	ng/ul	99
66) 4-Bromophenyl-phenylether	16.04	248	248774	20.248	ng/ul	97
67) Hexachlorobenzene	16.15	284	297694	19.788	ng/ul	98
68) Atrazine	16.33	200	234600	18.778	ng/ul	99
69) Pentachlorophenol	16.51	266	129172	16.385	ng/ul	100
70) Phenanthrene	16.89	178	1262261	19.506	ng/ul	99
72) Anthracene	16.97	178	1282863	19.719	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.87	216	327375	22.567	ng/uL	98
74) Pentachlorobenzene	14.41	250	339490	21.248	ng/uL	98
75) Carbazole	17.26	167	1072834	19.196	ng/ul	99
76) Di-n-butylphthalate	17.83	149	1369245	20.429	ng/ul	99
77) Fluoranthene	18.92	202	1379690	19.561	ng/ul	99
80) Pvrene	19.28	202	1447466	20.494	ng/ul	100
81) Butylbenzylphthalate	20.21	149	595655	21.407	ng/ul	99
82) 3,3'-Dichlorobenzidine	20.99	252	471211	19.620	ng/ul	99
83) Benzo(a)anthracene	21.04	228	1353541	19.636	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.99	149	885696	21.360	ng/ul	100
85) Chrysene	21.09	228	1323217	19.585	ng/ul	99
87) Di-n-octyl phthalate	21.84	149	1491058	21.742	ng/ul	100
88) Benzo(b)fluoranthene	22.56	252	1463771	19.274	ng/ul	100
89) Benzo(k)fluoranthene	22.60	252	1487999	19.968	ng/ul	98
91) Benzo(a)pyrene	23.09	252	1367019	19.897	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.28	276	1776983	21.540	ng/ul	99
93) Dibenzo(a,h)anthracene	25.29	278	1490833	21.555	ng/ul	100
94) Benzo(a,h,i)perylene	25.92	276	1490535	22.128	ng/ul	99

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

