Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062221\
Data File : BM030513.D
Acq On : 22 Jun 2021 13:16
Operator : CG/JU
Sample : SSTD04004
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD040104

Quant Time: Jun 22 14:22:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 22 13:19:30 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	151826	20.00	ng/ul	0.00
20) Naphthalene-d8	10.60	136	612953	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.44	164	360536	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.18	188	670312	20.00	ng/ul	0.00
79) Chrysene-d12	21.35	240	624339	20.00	ng/ul	0.00
88) Perylene-d12	23.63	264	644229	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.28	96	60205	15.14	ng/uL	0.00
4) Pyridine-d5	3.70	84	420323	40.23	ng/ul	0.00
7) Phenol-d5	6.98	99	519162	39.34	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.15	67	327667	38.47	ng/ul	0.00
11) 2-Chlorophenol-d4	7.35	132	427580	44.81	ng/ul	0.00
15) 4-Methylphenol-d8	8.52	113	405264	38.45	ng/ul	0.00
21) Nitrobenzene-d5	8.97	128	195506	46.60	ng/ul	0.00
24) 2-Nitrophenol-d4	9.69	143	221082	53.05	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.22	165	413609	45.57	ng/ul	0.00
31) 4-Chloroaniline-d4	10.74	131	540348	38.94	ng/ul	0.00
46) Dimethylphthalate-d6	13.85	166	1013768	40.97	ng/ul	0.00
49) Acenaphthylene-d8	14.13	160	1372882	44.42	ng/ul	0.00
54) 4-Nitrophenol-d4	14.64	143	182676	39.44	ng/ul	0.00
60) Fluorene-d10	15.43	176	904038	40.81	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.56	200	177760	45.94	ng/ul	0.00
73) Anthracene-d10	17.28	188	1294684	42.47	ng/ul	0.00
81) Pyrene-d10	19.57	212	1322652	40.48	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.48	264	1388985	43.24	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.32	88	65354	16.216	ng/uL	94
5) Pyridine	3.72	79	441021	39.984	ng/ul	98
6) Benzaldehyde	6.96	77	297022	48.028	ng/ul	97
8) Phenol	7.01	94	527639	39.480	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.24	93	418294	38.767	ng/ul	98
12) 2-Chlorophenol	7.38	128	423834	43.052	ng/ul	99
13) 2-Methylphenol	8.25	108	381957	38.433	ng/ul	95
14) 2,2'-oxybis(1-Chloropropan	8.34	45	662397	38.113	ng/ul	99
16) Acetophenone	8.63	105	623798	37.436	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.62	70	322677	39.842	ng/ul	99
18) 4-Methylphenol	8.58	108	416848	38.038	ng/ul	97
19) Hexachloroethane	8.89	117	178955	42.961	ng/ul	99
22) Nitrobenzene	9.01	77	480456	44.607	ng/ul	98
23) Isophorone	9.54	82	831427	42.217	ng/ul	98
25) 2-Nitrophenol	9.72	139	232737	50.418	ng/ul	99
26) 2,4-Dimethylphenol	9.78	107	451866	43.239	ng/ul	99
27) Bis(2-Chloroethoxy)methane	10.02	93	535060	40.806	ng/ul	99
29) 2,4-Dichlorophenol	10.25	162	393534	44.521	ng/ul	99
30) Naphthalene	10.65	128	1267944	40.809	ng/ul	99
32) 4-Chloroaniline	10.76	127	534923	38.513	ng/ul	99
33) Hexachlorobutadiene	10.93	225	260755	46.354	ng/ul	100
34) Caprolactam	11.55	113	51092	18.052	ng/ul	97

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35) 4-Chloro-3-methylphenol	11.89	107	379034	42.137	ng/ul	99
36) 2-Methylnaphthalene	12.26	142	887008	40.129	ng/ul	99
37) 1-Methylnaphthalene	12.48	142	889470	39.646	ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	12.63	216	475927	45.406	ng/ul	100
40) Hexachlorocyclopentadiene	12.61	237	300678	45.398	ng/ul	97
41) 2,4,6-Trichlorophenol	12.87	196	305383	48.495	ng/ul	97
42) 2,4,5-Trichlorophenol	12.95	196	325609	47.468	ng/ul	99
43) 1,1'-Biphenyl	13.27	154	1109508	42.237	ng/ul	99
44) 2-Chloronaphthalene	13.32	162	870218	42.927	ng/ul	100
45) 2-Nitroaniline	13.52	65	246393	48.620	ng/ul	99
47) Dimethylphthalate	13.90	163	993142	41.090	ng/ul	100
48) 2,6-Dinitrotoluene	14.02	165	205950	47.549	ng/ul	93
50) Acenaphthylene	14.16	152	1253899	42.471	ng/ul	99
51) 3-Nitroaniline	14.35	138	208459	42.213	ng/ul	97
52) Acenaphthene	14.50	153	895274	40.817	ng/ul	99
53) 2,4-Dinitrophenol	14.56	184	119985	41.511	ng/ul	97
55) 4-Nitrophenol	14.66	109	147087	40.537	ng/ul	98
56) Dibenzofuran	14.84	168	1237851	40.564	ng/ul	99
57) 2,4-Dinitrotoluene	14.81	165	282389	46.098	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.07	232	256214	46.660	ng/ul	100
59) Diethylphthalate	15.26	149	954933	40.036	ng/ul	99
61) Fluorene	15.49	166	1017414	39.710	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.49	204	510309	41.359	ng/ul	98
63) 4-Nitroaniline	15.51	138	203322	43.972	ng/ul	93
66) 4,6-Dinitro-2-methylphenol	15.57	198	170914	44.548	ng/ul	96
67) N-Nitrosodiphenylamine	15.70	169	843024	42.693	ng/ul	99
68) 4-Bromophenyl-phenylether	16.37	248	289405	44.388	ng/ul	99
69) Hexachlorobenzene	16.49	284	327490	44.193	ng/ul	99
70) Atrazine	16.65	200	282456	39.858	ng/ul	98
71) Pentachlorophenol	16.83	266	197144	43.413	ng/ul	98
72) Phenanthrene	17.23	178	1475401	40.707	ng/ul	100
74) Anthracene	17.32	178	1526304	41.726	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.24	216	462638	47.967	ng/uL	97
76) Pentachlorobenzene	14.76	250	427022	45.973	ng/uL	98
77) Carbazole	17.59	167	1300114	40.018	ng/ul	99
78) Di-n-butylphthalate	18.14	149	1436835	42.231	ng/ul	100
80) Fluoranthene	19.23	202	1625613	40.484	ng/ul	99
82) Pyrene	19.60	202	1695061	39.917	ng/ul	99
83) Butylbenzylphthalate	20.49	149	595751	44.699	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.27	252	532293	47.144	ng/ul	98
85) Benzo(a)anthracene	21.34	228	1595296	42.288	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.26	149	877049	43.380	ng/ul	99
87) Chrysene	21.39	228	1542629	41.472	ng/ul	98
89) Di-n-octyl phthalate	22.15	149	1486940	35.835	ng/ul	100
90) Benzo(b)fluoranthene	22.94	252	1665531	40.220	ng/ul	99
91) Benzo(k)fluoranthene	22.99	252	1617356	40.889	ng/ul	99
93) Benzo(a)pyrene	23.53	252	1520950	42.021	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.93	276	1959683	43.991	ng/ul	98
95) Dibenzo(a,h)anthracene	25.94	278	1636035	43.620	ng/ul	99
96) Benzo(g,h,i)perylene	26.64	276	1628438	44.484	ng/ul	99

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

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