Quantitation Report (QT 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

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6/23/2021 4:46:55 PM

Quant Time: Jun 22 14:23:12 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	151826	20.00	ng/ul	0.00
20) Naphthalene-d8	10.604	136	612953	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	360536	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.180	188	670312	20.00	ng/ul	0.00
79) Chrysene-d12	21.350	240	624339	20.00	ng/ul	0.00
88) Perylene-d12	23.627	264	644229	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	60205	15.14	ng/uL	0.00
4) Pyridine-d5	3.699	84	420323	40.23	ng/ul	0.00
7) Phenol-d5	6.981	99	519162	39.34	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.145	67	327667	38.47	ng/ul	0.00
11) 2-Chlorophenol-d4	7.345	132	427580	44.81	ng/ul	0.00
15) 4-Methylphenol-d8	8.522	113	405264	38.45	ng/ul	0.00
21) Nitrobenzene-d5	8.969	128	195506	46.60	ng/ul	0.00
24) 2-Nitrophenol-d4	9.686	143	221082	53.05	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	413609	45.57	ng/ul	0.00
31) 4-Chloroaniline-d4	10.739	131	540348	38.94	ng/ul	0.00
46) Dimethylphthalate-d6	13.851	166	1013768	40.97	ng/ul	0.00
49) Acenaphthylene-d8	14.133	160	1372882	44.42	ng/ul	0.00
54) 4-Nitrophenol-d4	14.645	143	182676	39.44	ng/ul	0.00
60) Fluorene-d10	15.433	176	904038	40.81	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	177760	45.94	ng/ul	0.00
73) Anthracene-d10	17.280	188	1294684	42.47	ng/ul	0.00
81) Pyrene-d10	19.568	212	1322652	40.48	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.480	264	1388985	43.24	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.316	88	65354	16.22	ng/uL	94
5) Pyridine	3.716	79	441021	39.98	ng/ul	98
6) Benzaldehyde	6.957	77	297022	48.03	ng/ul	97
8) Phenol	7.010	94	527639	39.48	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.239	93	418294	38.77	ng/ul	98
12) 2-Chlorophenol	7.381	128	423834	43.05	ng/ul	99
13) 2-Methylphenol	8.251	108	381957	38.43	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.339	45	662397	38.11	ng/ul	99
16) Acetophenone	8.634	105	623798	37.44	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.622	70	322677	39.84	ng/ul	99
18) 4-Methylphenol	8.581	108	416848	38.04	ng/ul	97
19) Hexachloroethane	8.886	117	178955	42.96	ng/ul	99
22) Nitrobenzene	9.010	77	480456	44.61	ng/ul	98
23) Isophorone	9.539	82	831427	42.22	ng/ul	98
25) 2-Nitrophenol	9.716	139	232737	50.42	ng/ul	99
26) 2,4-Dimethylphenol	9.781	107	451866	43.24	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.016	93	535060	40.81	ng/ul	99
29) 2,4-Dichlorophenol	10.251	162	393534	44.52	ng/ul	99
30) Naphthalene	10.651	128	1267944	40.81	ng/ul	99
32) 4-Chloroaniline	10.763	127	534923	38.51	ng/ul	99
33) Hexachlorobutadiene	10.933	225	260755	46.35	ng/ul	100
34) Caprolactam	11.545	113	103741m	36.65	ng/ul	
35) 4-Chloro-3-methylphenol	11.886	107	379034	42.14	ng/ul	99
36) 2-Methylnaphthalene	12.263	142	887008	40.13	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.480	142	889470	39.65	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.633	216	475927	45.41	ng/ul	100
40) Hexachlorocyclopentadiene	12.610	237	300678	45.40	ng/ul	97
41) 2,4,6-Trichlorophenol	12.874	196	305383	48.49	ng/ul	97
42) 2,4,5-Trichlorophenol	12.945	196	325609	47.47	ng/ul	99
43) 1,1'-Biphenyl	13.274	154	1109508	42.24	ng/ul	99
44) 2-Chloronaphthalene	13.316	162	870218	42.93	ng/ul	100
45) 2-Nitroaniline	13.521	65	246393	48.62	ng/ul	99
47) Dimethylphthalate	13.898	163	993142	41.09	ng/ul	100
48) 2,6-Dinitrotoluene	14.021	165	205950	47.55	ng/ul	93
50) Acenaphthylene	14.163	152	1253899	42.47	ng/ul	99
51) 3-Nitroaniline	14.351	138	208459	42.21	ng/ul	97
52) Acenaphthene	14.504	153	895274	40.82	ng/ul	99
53) 2,4-Dinitrophenol	14.557	184	119985	41.51	ng/ul	97
55) 4-Nitrophenol	14.663	109	147087	40.54	ng/ul	98
56) Dibenzofuran	14.839	168	1237851	40.56	ng/ul	99
57) 2,4-Dinitrotoluene	14.810	165	282389	46.10	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.068	232	256214	46.66	ng/ul	100
59) Diethylphthalate	15.263	149	954933	40.04	ng/ul	99
61) Fluorene	15.492	166	1017414	39.71	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.486	204	510309	41.36	ng/ul	98
63) 4-Nitroaniline	15.510	138	203322	43.97	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.568	198	170914	44.55	ng/ul	96
67) N-Nitrosodiphenylamine	15.698	169	843024	42.69	ng/ul	99
68) 4-Bromophenyl-phenylether	16.374	248	289405	44.39	ng/ul	99
69) Hexachlorobenzene	16.492	284	327490	44.19	ng/ul	99
70) Atrazine	16.651	200	282456	39.86	ng/ul	98
71) Pentachlorophenol	16.833	266	197144	43.41	ng/ul	98
72) Phenanthrene	17.227	178	1475401	40.71	ng/ul	100
74) Anthracene	17.315	178	1526304	41.73	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.239	216	462638	47.97	ng/uL	97
76) Pentachlorobenzene	14.763	250	427022	45.97	ng/uL	98
77) Carbazole	17.586	167	1300114	40.02	ng/ul	99
78) Di-n-butylphthalate	18.145	149	1436835	42.23	ng/ul	100
80) Fluoranthene	19.233	202	1625613	40.48	ng/ul	99
82) Pyrene	19.598	202	1695061	39.92	ng/ul	99
83) Butylbenzylphthalate	20.492	149	595751	44.70	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.268	252	532293	47.14	ng/ul	98
85) Benzo(a)anthracene	21.339	228	1595296	42.29	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.262	149	877049	43.38	ng/ul	99
87) Chrysene	21.386	228	1542629	41.47	ng/ul	98
89) Di-n-octyl phthalate	22.150	149	1486940	35.83	ng/ul	100
90) Benzo(b)fluoranthene	22.938	252	1665531	40.22	ng/ul	99
91) Benzo(k)fluoranthene	22.986	252	1617356	40.89	ng/ul	99
93) Benzo(a)pyrene	23.527	252	1520950	42.02	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.932	276	1959683	43.99	ng/ul	98
95) Dibenzo(a,h)anthracene	25.944	278	1636035	43.62	ng/ul	99
96) Benzo(g,h,i)perylene	26.644	276	1628438	44.48	ng/ul	99

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

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