Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029785.D
Acq On : 04 May 2021 11:35
Operator : CG/JU
Sample : SSTD02012
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD020012

Manual Integrations APPROVED
mohammad
5/5/2021 11:25:48 AM

Quant Time: May 04 12:23:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 04 12:20:39 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	109083	20.00	ng/ul	0.00
20) Naphthalene-d8	10.35	136	452105	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.22	164	268135	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.96	188	534634	20.00	ng/ul	0.00
79) Chrysene-d12	21.15	240	568185	20.00	ng/ul	0.00
88) Perylene-d12	23.31	264	603901	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	22222	9.96	ng/uL	0.00
4) Pyridine-d5	3.50	84	107572	22.26	ng/ul	0.00
7) Phenol-d5	6.76	99	172454	23.48	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.92	67	108099	28.10	ng/ul	0.00
11) 2-Chlorophenol-d4	7.11	132	144064	21.68	ng/ul	0.00
15) 4-Methylphenol-d8	8.29	113	138521	22.02	ng/ul	0.00
21) Nitrobenzene-d5	8.73	128	64416	19.56	ng/ul	0.00
24) 2-Nitrophenol-d4	9.44	143	73485	17.63	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.98	165	133233	15.30	ng/ul	0.00
31) 4-Chloroaniline-d4	10.49	131	180794	18.41	ng/ul	0.00
46) Dimethylphthalate-d6	13.63	166	392900	18.50	ng/ul	0.00
49) Acenaphthylene-d8	13.91	160	510650	19.50	ng/ul	0.00
54) 4-Nitrophenol-d4	14.44	143	51015	18.16	ng/ul	0.00
60) Fluorene-d10	15.22	176	331176	18.03	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.35	200	59957	15.42	ng/ul	0.00
73) Anthracene-d10	17.06	188	514963	19.11	ng/ul	0.00
81) Pyrene-d10	19.36	212	567172	19.55	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.17	264	661063	19.08	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.11	88	24019	10.228	ng/uL	100
5) Pyridine	3.52	79	122123	23.747	ng/ul	100
6) Benzaldehyde	6.73	77	105113m	24.953	ng/ul	
8) Phenol	6.78	94	176597	24.258	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.01	93	136202	24.447	ng/ul	100
12) 2-Chlorophenol	7.14	128	146648	22.185	ng/ul	100
13) 2-Methylphenol	8.02	108	132176	22.619	ng/ul	100
14) 2,2'-oxybis(1-Chloropropan	8.10	45	225612	41.253	ng/ul	100
16) Acetophenone	8.39	105	210551	21.713	ng/ul	100
17) N-Nitroso-di-n-propylamine	8.38	70	119474	25.565	ng/ul	100
18) 4-Methylphenol	8.35	108	138812	21.803	ng/ul	100
19) Hexachloroethane	8.63	117	65121	21.787	ng/ul	100
22) Nitrobenzene	8.77	77	162467	22.340	ng/ul	100
23) Isophorone	9.29	82	309937	22.093	ng/ul	100
25) 2-Nitrophenol	9.47	139	79131	18.295	ng/ul	100
26) 2,4-Dimethylphenol	9.54	107	160298	20.358	ng/ul	100
27) Bis(2-Chloroethoxy)methane	9.77	93	182404	22.336	ng/ul	100
29) 2,4-Dichlorophenol	10.00	162	128648	15.817	ng/ul	100
30) Naphthalene	10.40	128	474396	19.742	ng/ul	100
32) 4-Chloroaniline	10.52	127	184053	18.620	ng/ul	100
33) Hexachlorobutadiene	10.68	225	86930	12.366	ng/ul	100
34) Caprolactam	11.31	113	37106	16.523	ng/ul	100

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35) 4-Chloro-3-methylphenol	11.65	107	133712	19.302	ng/ul	100
36) 2-Methylnaphthalene	12.02	142	324618	17.492	ng/ul	100
37) 1-Methylnaphthalene	12.24	142	327009	18.102	ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.39	216	163609	15.657	ng/ul	100
40) Hexachlorocyclopentadiene	12.37	237	66262	12.918	ng/ul	100
41) 2,4,6-Trichlorophenol	12.65	196	97729	16.204	ng/ul	100
42) 2,4,5-Trichlorophenol	12.72	196	101077	15.982	ng/ul	100
43) 1,1'-Biphenyl	13.05	154	411447	20.520	ng/ul	100
44) 2-Chloronaphthalene	13.09	162	318197	19.699	ng/ul	100
45) 2-Nitroaniline	13.30	65	83411	26.742	ng/ul	100
47) Dimethylphthalate	13.69	163	394021	19.127	ng/ul	100
48) 2,6-Dinitrotoluene	13.80	165	78373	18.875	ng/ul	100
50) Acenaphthylene	13.94	152	498711	20.456	ng/ul	100
51) 3-Nitroaniline	14.14	138	71459	19.332	ng/ul	100
52) Acenaphthene	14.28	153	348490	20.496	ng/ul	100
53) 2,4-Dinitrophenol	14.36	184	27186	10.982	ng/ul	100
55) 4-Nitrophenol	14.46	109	35656	17.944	ng/ul	100
56) Dibenzofuran	14.62	168	472184	18.689	ng/ul	100
57) 2,4-Dinitrotoluene	14.60	165	110655	19.007	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.85	232	94472	15.819	ng/ul	100
59) Diethylphthalate	15.05	149	397540	20.329	ng/ul	100
61) Fluorene	15.27	166	396040	18.791	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.27	204	191404	16.259	ng/ul	100
63) 4-Nitroaniline	15.31	138	72729m	18.496	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.36	198	60169	16.066	ng/ul	100
67) N-Nitrosodiphenylamine	15.49	169	338247	20.488	ng/ul	100
68) 4-Bromophenyl-phenylether	16.16	248	112989	17.229	ng/ul	100
69) Hexachlorobenzene	16.27	284	132890	17.545	ng/ul	100
70) Atrazine	16.44	200	114286	16.801	ng/ul	100
71) Pentachlorophenol	16.63	266	65043	16.320	ng/ul	100
72) Phenanthrene	17.00	178	605135	19.735	ng/ul	100
74) Anthracene	17.10	178	623826	19.798	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.01	216	174978	17.599	ng/uL	100
76) Pentachlorobenzene	14.54	250	159493	17.129	ng/uL	100
77) Carbazole	17.37	167	541547	19.693	ng/ul	100
78) Di-n-butylphthalate	17.94	149	667208	22.843	ng/ul	100
80) Fluoranthene	19.03	202	696553	20.410	ng/ul	100
82) Pyrene	19.39	202	730641	20.120	ng/ul	100
83) Butylbenzylphthalate	20.30	149	293791	23.315	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.07	252	248176	17.018	ng/ul	100
85) Benzo(a)anthracene	21.13	228	715783	19.252	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.07	149	464531	24.024	ng/ul	100
87) Chrysene	21.19	228	719805	19.374	ng/ul	100
89) Di-n-octyl phthalate	21.93	149	804370	23.209	ng/ul	100
90) Benzo(b)fluoranthene	22.67	252	774541	19.680	ng/ul	100
91) Benzo(k)fluoranthene	22.71	252	729894	18.827	ng/ul	100
93) Benzo(a)pyrene	23.22	252	686267	19.273	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.47	276	906056	19.430	ng/ul	100
95) Dibenzo(a,h)anthracene	25.49	278	758151	19.480	ng/ul	100
96) Benzo(g,h,i)perylene	26.14	276	754425	19.699	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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