Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051821\
Data File : BM030068.D
Acq On : 18 May 2021 16:49
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020044

Manual Integrations APPROVED
mohammad
5/19/2021 11:38:44 AM

Quant Time: May 19 01:17:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 18 16:38:21 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	138762	20.00	ng/ul	0.00
20) Naphthalene-d8	10.29	136	651962	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.17	164	462369	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.92	188	978648	20.00	ng/ul	0.00
79) Chrysene-d12	21.11	240	1073362	20.00	ng/ul	0.00
88) Perylene-d12	23.26	264	1097663	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	26256	7.56	ng/uL	0.00
4) Pyridine-d5	3.45	84	130963	15.05	ng/ul	0.00
7) Phenol-d5	6.70	99	224302	17.38	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.87	67	148934	18.61	ng/ul	0.00
11) 2-Chlorophenol-d4	7.05	132	187114	18.79	ng/ul	0.00
15) 4-Methylphenol-d8	8.24	113	189623	17.77	ng/ul	0.00
21) Nitrobenzene-d5	8.67	128	89666	19.96	ng/ul	0.00
24) 2-Nitrophenol-d4	9.39	143	104850	20.68	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.93	165	194177	19.10	ng/ul	0.00
31) 4-Chloroaniline-d4	10.45	131	266350	17.21	ng/ul	0.00
46) Dimethylphthalate-d6	13.59	166	667862	18.64	ng/ul	0.00
49) Acenaphthylene-d8	13.86	160	835473	18.40	ng/ul	0.00
54) 4-Nitrophenol-d4	14.40	143	93402	16.00	ng/ul	0.00
60) Fluorene-d10	15.17	176	569218	18.71	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.31	200	120715	18.99	ng/ul	0.00
73) Anthracene-d10	17.02	188	902698	18.32	ng/ul	0.00
81) Pyrene-d10	19.32	212	1027212	18.66	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.12	264	1142142	18.36	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.06	88	28639	7.616	ng/uL	96
5) Pyridine	3.47	79	142265	15.943	ng/ul	95
6) Benzaldehyde	6.67	77	135262m	20.306	ng/ul	
8) Phenol	6.73	94	233603	17.731	ng/ul	96
10) Bis(2-Chloroethyl)ether	6.96	93	184292	17.691	ng/ul	96
12) 2-Chlorophenol	7.09	128	187329	18.443	ng/ul	97
13) 2-Methylphenol	7.97	108	175063	17.538	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.05	45	339371	21.628	ng/ul	95
16) Acetophenone	8.35	105	309269	18.058	ng/ul	96
17) N-Nitroso-di-n-propylamine	8.33	70	185934	21.219	ng/ul	95
18) 4-Methylphenol	8.30	108	197144	17.815	ng/ul	93
19) Hexachloroethane	8.57	117	81451	18.980	ng/ul	98
22) Nitrobenzene	8.72	77	240240	20.521	ng/ul	94
23) Isophorone	9.24	82	484129	19.551	ng/ul	98
25) 2-Nitrophenol	9.42	139	111056	20.172	ng/ul	99
26) 2,4-Dimethylphenol	9.49	107	233403	18.788	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.72	93	274930	18.956	ng/ul	97
29) 2,4-Dichlorophenol	9.95	162	188360	18.863	ng/ul	97
30) Naphthalene	10.34	128	667902	18.457	ng/ul	99
32) 4-Chloroaniline	10.47	127	279448	17.529	ng/ul	97
33) Hexachlorobutadiene	10.62	225	125245	18.706	ng/ul	94
34) Caprolactam	11.25	113	63284m	17.857	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.60	107	217485	19.680	ng/ul	99
36) 2-Methylnaphthalene	11.96	142	488002	18.590	ng/ul	98
37) 1-Methylnaphthalene	12.19	142	488997	18.797	ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	12.34	216	253547	17.746	ng/ul	99
40) Hexachlorocyclopentadiene	12.31	237	116272	15.666	ng/ul	99
41) 2,4,6-Trichlorophenol	12.59	196	162732	18.677	ng/ul	98
42) 2,4,5-Trichlorophenol	12.67	196	171514	18.600	ng/ul	99
43) 1,1'-Biphenyl	13.00	154	649711	18.076	ng/ul	99
44) 2-Chloronaphthalene	13.03	162	501336	18.175	ng/ul	99
45) 2-Nitroaniline	13.26	65	152415	21.862	ng/ul	94
47) Dimethylphthalate	13.64	163	671541	18.713	ng/ul	100
48) 2,6-Dinitrotoluene	13.76	165	131367	20.392	ng/ul	97
50) Acenaphthylene	13.89	152	805020	18.327	ng/ul	99
51) 3-Nitroaniline	14.10	138	125295	17.313	ng/ul	96
52) Acenaphthene	14.23	153	562095	18.107	ng/ul	99
53) 2,4-Dinitrophenol	14.32	184	82824	18.896	ng/ul	95
55) 4-Nitrophenol	14.42	109	77485	17.264	ng/ul	96
56) Dibenzofuran	14.57	168	784810	18.458	ng/ul	98
57) 2,4-Dinitrotoluene	14.56	165	195755	20.535	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	14.80	232	166286	18.938	ng/ul	97
59) Diethylphthalate	15.01	149	723898	19.341	ng/ul	99
61) Fluorene	15.22	166	670316	18.441	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.22	204	334748	18.742	ng/ul	99
63) 4-Nitroaniline	15.27	138	135717m	18.919	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.32	198	115399	18.446	ng/ul	95
67) N-Nitrosodiphenylamine	15.44	169	583112	18.342	ng/ul	99
68) 4-Bromophenyl-phenylether	16.12	248	196572	18.045	ng/ul	95
69) Hexachlorobenzene	16.23	284	233052	18.016	ng/ul	95
70) Atrazine	16.40	200	210119	17.914	ng/ul	100
71) Pentachlorophenol	16.58	266	123654	16.682	ng/ul	97
72) Phenanthrene	16.96	178	1050582	18.206	ng/ul	99
74) Anthracene	17.05	178	1067699	18.098	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	12.96	216	272422	17.598	ng/uL	100
76) Pentachlorobenzene	14.49	250	264664	17.927	ng/uL	98
77) Carbazole	17.33	167	942712	17.440	ng/ul	99
78) Di-n-butylphthalate	17.90	149	1276559	19.897	ng/ul	99
80) Fluoranthene	18.98	202	1234075	18.415	ng/ul	97
82) Pyrene	19.34	202	1311453	18.596	ng/ul	99
83) Butylbenzylphthalate	20.26	149	579098	23.106	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.04	252	477023	19.535	ng/ul	98
85) Benzo(a)anthracene	21.10	228	1313794	18.760	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.04	149	948696	21.954	ng/ul	100
87) Chrysene	21.15	228	1283213	18.397	ng/ul	100
89) Di-n-octyl phthalate	21.89	149	1608643	19.151	ng/ul	100
90) Benzo(b)fluoranthene	22.62	252	1346982	18.918	ng/ul	100
91) Benzo(k)fluoranthene	22.66	252	1355153	18.104	ng/ul	99
93) Benzo(a)pyrene	23.16	252	1204826	18.632	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.39	276	1506690	19.251	ng/ul	99
95) Dibenzo(a,h)anthracene	25.40	278	1267349	19.103	ng/ul	99
96) Benzo(g,h,i)perylene	26.04	276	1209096	19.067	ng/ul	99

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

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