Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM073120\
Data File : BM026953.D
Acq On : 31 Jul 2020 11:49
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02019

Quant Time: Jul 31 12:27:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 31 12:26:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	76000	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	294270	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	195205	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	423030	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	454369	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	453430	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	12819	7.70	ng/uL	0.00
5) Phenol-d5	6.84	99	121002	18.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	84346	18.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	92665	18.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	95436	18.63	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	44078	19.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	44680	21.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	97781	19.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	113189	18.95	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	299398	19.56	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	362154	18.59	ng/ul	0.00
52) 4-Nitrophenol-d4	14.48	143	54724	21.14	ng/ul	0.00
58) Fluorene-d10	15.29	176	257777	19.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	38814	20.58	ng/ul	0.00
71) Anthracene-d10	17.14	188	399902	18.91	ng/ul	0.00
79) Pyrene-d10	19.43	212	435788	17.98	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	486648	19.02	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	14590	7.047	ng/uL	92
4) Benzaldehyde	6.81	77	98493	18.158	ng/ul	97
6) Phenol	6.86	94	129711	18.206	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.09	93	104168	18.476	ng/ul	96
10) 2-Chlorophenol	7.23	128	96690	18.691	ng/ul	98
11) 2-Methylphenol	8.10	108	91606	17.971	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.20	45	90008	18.028	ng/ul	98
14) Acetophenone	8.47	105	160026	18.827	ng/ul#	96
15) N-Nitroso-di-n-propylamine	8.47	70	96747	18.845	ng/ul	94
16) 4-Methylphenol	8.42	108	102143	18.804	ng/ul	97
17) Hexachloroethane	8.74	117	46659	18.925	ng/ul	98
20) Nitrobenzene	8.84	77	149127	20.111	ng/ul	99
21) Isophorone	9.37	82	248518	19.010	ng/ul	99
23) 2-Nitrophenol	9.55	139	51533	21.529	ng/ul	97
24) 2,4-Dimethylphenol	9.62	107	119255	19.073	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.85	93	140523	19.294	ng/ul	97
27) 2,4-Dichlorophenol	10.08	162	96516	19.780	ng/ul	99
28) Naphthalene	10.48	128	313115	19.045	ng/ul	99
30) 4-Chloroaniline	10.59	127	114256	18.967	ng/ul	98
31) Hexachlorobutadiene	10.79	225	68413	19.854	ng/ul	95
32) Caprolactam	11.33	113	30378	19.936	ng/ul	96
33) 4-Chloro-3-methylphenol	11.72	107	109142	20.061	ng/ul	98
34) 2-Methylnaphthalene	12.10	142	225887	19.435	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.32	142	222962	19.633 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.48	216	123915	18.572 ng/ul	98
38) Hexachlorocyclopentadiene	12.47	237	76778	16.971 ng/ul	100
39) 2,4,6-Trichlorophenol	12.72	196	77520	20.276 ng/ul	95
40) 2,4,5-Trichlorophenol	12.78	196	84114	20.590 ng/ul	98
41) 1,1'-Biphenyl	13.12	154	300840	18.443 ng/ul	97
42) 2-Chloronaphthalene	13.16	162	245461	18.701 ng/ul	99
43) 2-Nitroaniline	13.36	65	84199	21.570 ng/ul	96
45) Dimethylphthalate	13.75	163	313597	19.521 ng/ul	99
46) 2,6-Dinitrotoluene	13.87	165	60202	21.257 ng/ul	96
48) Acenaphthylene	14.01	152	367629	18.576 ng/ul	99
49) 3-Nitroaniline	14.19	138	54876	19.823 ng/ul	98
50) Acenaphthene	14.36	153	259086	19.002 ng/ul	99
51) 2,4-Dinitrophenol	14.40	184	26802	23.633 ng/ul#	84
53) 4-Nitrophenol	14.50	109	60822	23.450 ng/ul	85
54) Dibenzofuran	14.70	168	360454	19.072 ng/ul	97
55) 2,4-Dinitrotoluene	14.65	165	89452	21.983 ng/ul#	96
56) 2,3,4,6-Tetrachlorophenol	14.92	232	73370	22.893 ng/ul	97
57) Diethylphthalate	15.13	149	324822	20.165 ng/ul	98
59) Fluorene	15.34	166	307397	19.314 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.34	204	154806	19.544 ng/ul	97
61) 4-Nitroaniline	15.35	138	69012	20.339 ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.42	198	43112	20.119 ng/ul	95
65) N-Nitrosodiphenylamine	15.55	169	256186	18.512 ng/ul	97
66) 4-Bromophenyl-phenylether	16.24	248	94036	18.949 ng/ul	96
67) Hexachlorobenzene	16.35	284	108954	19.360 ng/ul	94
68) Atrazine	16.51	200	96406	18.979 ng/ul	98
69) Pentachlorophenol	16.69	266	60952	21.766 ng/ul	98
70) Phenanthrene	17.08	178	488939	19.041 ng/ul	100
72) Anthracene	17.17	178	502441	19.037 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.09	216	117485	17.677 ng/uL	98
74) Pentachlorobenzene	14.62	250	121050	18.786 ng/uL	98
75) Carbazole	17.44	167	440344	18.874 ng/ul	99
76) Di-n-butylphthalate	18.02	149	551979	20.112 ng/ul	98
77) Fluoranthene	19.09	202	574497	18.948 ng/ul	99
80) Pyrene	19.46	202	597167	18.064 ng/ul	98
81) Butylbenzylphthalate	20.38	149	248182	20.190 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.15	252	195651	18.212 ng/ul	100
83) Benzo(a)anthracene	21.21	228	586573	18.730 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	373296	20.256 ng/ul	98
85) Chrysene	21.27	228	573101	18.765 ng/ul	99
87) Di-n-octyl phthalate	22.04	149	634242	19.037 ng/ul	100
88) Benzo(b)fluoranthene	22.78	252	618551	19.070 ng/ul	100
89) Benzo(k)fluoranthene	22.82	252	582679	18.720 ng/ul	99
91) Benzo(a)pyrene	23.34	252	555869	18.991 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.64	276	684332	18.847 ng/ul	98
93) Dibenzo(a,h)anthracene	25.66	278	585216	19.056 ng/ul	98
94) Benzo(g,h,i)perylene	26.32	276	570205	18.991 ng/ul	97

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

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