Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
Data File : BM026994.D
Acq On : 04 Aug 2020 02:32
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02032

Quant Time: Aug 04 11:00:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 04 10:59:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	91342	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	352659	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	221858	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	474825	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	475734	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	444807	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	14397	7.19	ng/uL	0.00
5) Phenol-d5	6.83	99	148554	18.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	101105	18.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	113405	18.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	114998	18.68	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	55214	20.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	56832	22.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	118099	19.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	136287	19.04	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	333082	19.15	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	417403	18.86	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	59619	20.26	ng/ul	0.00
58) Fluorene-d10	15.29	176	292499	19.33	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	42837	20.24	ng/ul	0.00
71) Anthracene-d10	17.13	188	441131	18.59	ng/ul	0.00
79) Pyrene-d10	19.43	212	467905	18.44	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.28	264	492572	19.62	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	18294	7.352	ng/uL	94
4) Benzaldehyde	6.80	77	121045	18.567	ng/ul	99
6) Phenol	6.86	94	156394	18.264	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.09	93	124829	18.422	ng/ul	96
10) 2-Chlorophenol	7.23	128	117963	18.974	ng/ul	98
11) 2-Methylphenol	8.10	108	111074	18.130	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.19	45	107552	17.924	ng/ul	99
14) Acetophenone	8.47	105	188437	18.446	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.46	70	113666	18.422	ng/ul	98
16) 4-Methylphenol	8.43	108	121535	18.616	ng/ul	93
17) Hexachloroethane	8.73	117	52747	17.801	ng/ul	94
20) Nitrobenzene	8.84	77	175542	19.754	ng/ul	99
21) Isophorone	9.37	82	278776	17.794	ng/ul	98
23) 2-Nitrophenol	9.55	139	63048	21.979	ng/ul	96
24) 2,4-Dimethylphenol	9.62	107	140523	18.753	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.85	93	165891	19.006	ng/ul	98
27) 2,4-Dichlorophenol	10.08	162	117964	20.173	ng/ul	98
28) Naphthalene	10.48	128	370693	18.814	ng/ul	98
30) 4-Chloroaniline	10.59	127	136595	18.921	ng/ul	96
31) Hexachlorobutadiene	10.79	225	77708	18.818	ng/ul	99
32) Caprolactam	11.35	113	34029	18.634	ng/ul	92
33) 4-Chloro-3-methylphenol	11.72	107	131121	20.110	ng/ul	97
34) 2-Methylnaphthalene	12.10	142	265411	19.055	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.32	142	260584	19.147 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.47	216	143048	18.864 ng/ul	98
38) Hexachlorocyclopentadiene	12.46	237	79850	15.530 ng/ul	95
39) 2,4,6-Trichlorophenol	12.72	196	90797	20.895 ng/ul	96
40) 2,4,5-Trichlorophenol	12.79	196	97143	20.922 ng/ul	99
41) 1,1'-Biphenyl	13.12	154	349461	18.850 ng/ul	98
42) 2-Chloronaphthalene	13.16	162	288283	19.325 ng/ul	99
43) 2-Nitroaniline	13.36	65	96416	21.732 ng/ul	98
45) Dimethylphthalate	13.75	163	350740	19.210 ng/ul	99
46) 2,6-Dinitrotoluene	13.86	165	72063	22.388 ng/ul	98
48) Acenaphthylene	14.01	152	419865	18.667 ng/ul	100
49) 3-Nitroaniline	14.19	138	67090	21.323 ng/ul	96
50) Acenaphthene	14.36	153	300222	19.374 ng/ul	97
51) 2,4-Dinitrophenol	14.39	184	29921	23.214 ng/ul#	90
53) 4-Nitrophenol	14.50	109	66013	22.394 ng/ul	84
54) Dibenzofuran	14.69	168	413751	19.262 ng/ul	97
55) 2,4-Dinitrotoluene	14.65	165	101237	21.890 ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.92	232	85782	23.550 ng/ul	98
57) Diethylphthalate	15.13	149	354950	19.388 ng/ul	99
59) Fluorene	15.34	166	345472	19.099 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.34	204	172831	19.198 ng/ul	97
61) 4-Nitroaniline	15.35	138	78566	20.373 ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.42	198	46024	19.135 ng/ul#	93
65) N-Nitrosodiphenylamine	15.55	169	289726	18.652 ng/ul	99
66) 4-Bromophenyl-phenylether	16.23	248	105609	18.959 ng/ul	94
67) Hexachlorobenzene	16.35	284	119738	18.955 ng/ul	99
68) Atrazine	16.51	200	93772	16.446 ng/ul	97
69) Pentachlorophenol	16.69	266	65951	20.982 ng/ul	98
70) Phenanthrene	17.07	178	543046	18.841 ng/ul	99
72) Anthracene	17.17	178	557022	18.802 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.09	216	138631	18.584 ng/uL	97
74) Pentachlorobenzene	14.62	250	139907	19.344 ng/uL	97
75) Carbazole	17.43	167	486594	18.581 ng/ul	99
76) Di-n-butylphthalate	18.02	149	566663	18.394 ng/ul	98
77) Fluoranthene	19.09	202	619579	18.206 ng/ul	99
80) Pyrene	19.46	202	646672	18.683 ng/ul	98
81) Butylbenzylphthalate	20.37	149	245878	19.105 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.14	252	199660	17.751 ng/ul	99
83) Benzo(a)anthracene	21.20	228	620742	18.931 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.16	149	331710	17.191 ng/ul	99
85) Chrysene	21.26	228	599596	18.751 ng/ul	99
87) Di-n-octyl phthalate	22.03	149	588860	18.017 ng/ul	100
88) Benzo(b)fluoranthene	22.76	252	614760	19.320 ng/ul	100
89) Benzo(k)fluoranthene	22.80	252	598818	19.612 ng/ul	99
91) Benzo(a)pyrene	23.33	252	551267	19.199 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.63	276	652631	18.322 ng/ul	99
93) Dibenzo(a,h)anthracene	25.64	278	569268	18.896 ng/ul	98
94) Benzo(g,h,i)perylene	26.30	276	488116	16.572 ng/ul	98

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

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