Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081020\
Data File : BM027023.D
Acq On : 10 Aug 2020 13:26
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02010

Quant Time: Aug 10 15:20:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 07 03:56:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	90546	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	347900	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.28	164	227659	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	496107	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	509803	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	484057	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	16262	8.16	ng/uL	0.00
5) Phenol-d5	6.82	99	140083	19.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	99846	20.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	109130	19.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	111438	20.30	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	53071	19.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	53250	18.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	120189	20.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	135427	19.40	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	348053	19.17	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	428280	19.80	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	55971	18.26	ng/ul	0.00
58) Fluorene-d10	15.27	176	311433	19.68	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	49416	18.24	ng/ul	0.00
71) Anthracene-d10	17.12	188	474168	19.40	ng/ul	0.00
79) Pyrene-d10	19.42	212	513292	20.19	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.28	264	521749	19.31	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	18804	7.424	ng/uL	95
4) Benzaldehyde	6.79	77	114757	16.767	ng/ul	99
6) Phenol	6.85	94	150222	20.236	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.07	93	123849	20.213	ng/ul	98
10) 2-Chlorophenol	7.21	128	115603	19.919	ng/ul	96
11) 2-Methylphenol	8.09	108	107436	19.924	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.17	45	97238	20.832	ng/ul	97
14) Acetophenone	8.46	105	188491	20.432	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.45	70	111347	20.805	ng/ul	97
16) 4-Methylphenol	8.41	108	115278	19.893	ng/ul	100
17) Hexachloroethane	8.72	117	56052	19.309	ng/ul	93
20) Nitrobenzene	8.83	77	170423	18.930	ng/ul	98
21) Isophorone	9.36	82	278766	19.515	ng/ul	100
23) 2-Nitrophenol	9.53	139	60641	19.130	ng/ul	97
24) 2,4-Dimethylphenol	9.60	107	140293	19.403	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.84	93	162506	20.080	ng/ul	98
27) 2,4-Dichlorophenol	10.07	162	120151	19.897	ng/ul	98
28) Naphthalene	10.46	128	370841	19.178	ng/ul	99
30) 4-Chloroaniline	10.57	127	135092	19.209	ng/ul	99
31) Hexachlorobutadiene	10.77	225	96051	18.866	ng/ul	97
32) Caprolactam	11.33	113	29331	17.473	ng/ul	98
33) 4-Chloro-3-methylphenol	11.70	107	122706	19.230	ng/ul	96
34) 2-Methylnaphthalene	12.08	142	272857	19.240	ng/ul	97

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35) 1-Methylnaphthalene	12.30	142	264613	18.954 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.46	216	166367	19.748 ng/ul	99
38) Hexachlorocyclopentadiene	12.45	237	105780	19.043 ng/ul	96
39) 2,4,6-Trichlorophenol	12.70	196	94055	18.995 ng/ul	92
40) 2,4,5-Trichlorophenol	12.77	196	103120	19.568 ng/ul	92
41) 1,1'-Biphenyl	13.11	154	367527	19.755 ng/ul	100
42) 2-Chloronaphthalene	13.15	162	298633	19.798 ng/ul	99
43) 2-Nitroaniline	13.34	65	85633	19.599 ng/ul	93
45) Dimethylphthalate	13.74	163	366786	19.279 ng/ul	98
46) 2,6-Dinitrotoluene	13.85	165	68712	18.968 ng/ul	96
48) Acenaphthylene	14.00	152	433664	19.718 ng/ul	98
49) 3-Nitroaniline	14.17	138	59584	18.509 ng/ul	100
50) Acenaphthene	14.34	153	304122	19.511 ng/ul	97
51) 2,4-Dinitrophenol	14.38	184	31650	16.812 ng/ul	94
53) 4-Nitrophenol	14.49	109	60170	18.439 ng/ul	97
54) Dibenzofuran	14.68	168	436410	19.564 ng/ul	98
55) 2,4-Dinitrotoluene	14.64	165	101316	19.259 ng/ul#	98
56) 2,3,4,6-Tetrachlorophenol	14.90	232	89565	18.858 ng/ul	97
57) Diethylphthalate	15.12	149	365781	19.167 ng/ul	99
59) Fluorene	15.33	166	367065	19.664 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.33	204	198841	19.546 ng/ul	99
61) 4-Nitroaniline	15.34	138	69571	18.921 ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.40	198	53517	17.847 ng/ul	99
65) N-Nitrosodiphenylamine	15.54	169	301503	20.285 ng/ul	99
66) 4-Bromophenyl-phenylether	16.22	248	121155	19.525 ng/ul	100
67) Hexachlorobenzene	16.33	284	141528	19.448 ng/ul	98
68) Atrazine	16.50	200	110849	18.393 ng/ul	99
69) Pentachlorophenol	16.67	266	71657	17.769 ng/ul	98
70) Phenanthrene	17.06	178	579428	19.482 ng/ul	99
72) Anthracene	17.15	178	584021	19.298 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.07	216	157276	20.269 ng/uL	98
74) Pentachlorobenzene	14.60	250	158619	19.599 ng/uL	98
75) Carbazole	17.42	167	487422	19.081 ng/ul	100
76) Di-n-butylphthalate	18.00	149	587811	18.779 ng/ul	100
77) Fluoranthene	19.09	202	673022	18.661 ng/ul	97
80) Pyrene	19.44	202	702129	20.290 ng/ul	98
81) Butylbenzylphthalate	20.37	149	244088	19.191 ng/ul	94
82) 3,3'-Dichlorobenzidine	21.14	252	202861	17.634 ng/ul	97
83) Benzo(a)anthracene	21.20	228	676314	19.706 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	368893	19.198 ng/ul	100
85) Chrysene	21.26	228	656379	19.484 ng/ul	99
87) Di-n-octyl phthalate	22.03	149	595376	18.384 ng/ul	100
88) Benzo(b)fluoranthene	22.76	252	663826	19.749 ng/ul	99
89) Benzo(k)fluoranthene	22.81	252	658581	19.769 ng/ul	100
91) Benzo(a)pyrene	23.32	252	607116	19.847 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.62	276	724595	18.383 ng/ul	99
93) Dibenzo(a,h)anthracene	25.63	278	614830	18.415 ng/ul	99
94) Benzo(g,h,i)perylene	26.28	276	597265	18.345 ng/ul	100

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

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