Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052920\
Data File : BM026178.D
Acq On : 29 May 2020 18:43
Operator : MA/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02085

Quant Time: May 29 19:14:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 29 11:06:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	125419	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	523987	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	315220	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	690371	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	759316	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	796489	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	27159	6.53	ng/uL	0.00
5) Phenol-d5	6.67	99	233346	20.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	154644	19.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	174097	19.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	179447	20.93	ng/ul	0.00
19) Nitrobenzene-d5	8.62	128	85021	19.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.33	143	87641	20.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	171318	20.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.38	131	223722	26.00	ng/ul	0.00
44) Dimethylphthalate-d6	13.54	166	476573	18.85	ng/ul	0.00
47) Acenaphthylene-d8	13.81	160	589236	19.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.34	143	85561	19.11	ng/ul	0.00
58) Fluorene-d10	15.12	176	425581	19.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	74786	18.58	ng/ul	0.00
71) Anthracene-d10	16.97	188	658574	19.36	ng/ul	0.00
79) Pyrene-d10	19.27	212	761251	19.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	828223	19.54	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	29908	6.923	ng/uL	92
4) Benzaldehyde	6.63	77	153781	20.771	ng/ul	94
6) Phenol	6.70	94	258268	20.250	ng/ul	96
8) Bis(2-Chloroethyl)ether	6.92	93	193483	19.716	ng/ul	98
10) 2-Chlorophenol	7.05	128	189259	19.498	ng/ul	95
11) 2-Methylphenol	7.93	108	182034	20.715	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.01	45	343850	19.304	ng/ul	99
14) Acetophenone	8.29	105	294303	20.459	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.29	70	162186	19.133	ng/ul	96
16) 4-Methylphenol	8.25	108	198029	20.721	ng/ul	97
17) Hexachloroethane	8.53	117	77083	18.511	ng/ul	96
20) Nitrobenzene	8.66	77	245358	18.701	ng/ul	97
21) Isophorone	9.19	82	409155	18.750	ng/ul	99
23) 2-Nitrophenol	9.36	139	100273	20.415	ng/ul	96
24) 2,4-Dimethylphenol	9.44	107	220840	18.820	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.67	93	252945	18.378	ng/ul	98
27) 2,4-Dichlorophenol	9.89	162	174935	19.880	ng/ul	99
28) Naphthalene	10.29	128	601885	18.787	ng/ul	99
30) 4-Chloroaniline	10.40	127	229433	25.523	ng/ul	97
31) Hexachlorobutadiene	10.58	225	112359	19.031	ng/ul	96
32) Caprolactam	11.17	113	51855	21.189	ng/ul	95
33) 4-Chloro-3-methylphenol	11.55	107	203562	19.974	ng/ul	93
34) 2-Methylnaphthalene	11.91	142	417829	19.390	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.13	142	385452	19.280	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.29	216	214866	19.018	ng/ul	99
38) Hexachlorocyclopentadiene	12.27	237	109513	16.814	ng/ul	98
39) 2,4,6-Trichlorophenol	12.54	196	134451	20.455	ng/ul	98
40) 2,4,5-Trichlorophenol	12.61	196	146370	20.180	ng/ul	96
41) 1,1'-Biphenyl	12.94	154	525807	18.799	ng/ul	99
42) 2-Chloronaphthalene	12.98	162	408022	18.904	ng/ul	98
43) 2-Nitroaniline	13.20	65	144116	19.810	ng/ul	95
45) Dimethylphthalate	13.59	163	500180	18.847	ng/ul	100
46) 2,6-Dinitrotoluene	13.70	165	99877	20.510	ng/ul	98
48) Acenaphthylene	13.84	152	633969	19.282	ng/ul	100
49) 3-Nitroaniline	14.03	138	103997	23.993	ng/ul	92
50) Acenaphthene	14.19	153	438584	18.915	ng/ul	98
51) 2,4-Dinitrophenol	14.25	184	44967	16.799	ng/ul	90
53) 4-Nitrophenol	14.36	109	76054	19.092	ng/ul	91
54) Dibenzofuran	14.52	168	622236	19.095	ng/ul	100
55) 2,4-Dinitrotoluene	14.50	165	149736	20.748	ng/ul	91
56) 2,3,4,6-Tetrachlorophenol	14.76	232	127967	20.979	ng/ul	99
57) Diethylphthalate	14.97	149	495777	18.892	ng/ul	98
59) Fluorene	15.17	166	511299	19.397	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.18	204	254049	19.312	ng/ul	98
61) 4-Nitroaniline	15.20	138	115783	21.383	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.27	198	79026	18.647	ng/ul	92
65) N-Nitrosodiphenylamine	15.40	169	440009	19.017	ng/ul	99
66) 4-Bromophenyl-phenylether	16.07	248	153874	19.139	ng/ul	99
67) Hexachlorobenzene	16.19	284	171769	19.002	ng/ul	99
68) Atrazine	16.36	200	148406	19.586	ng/ul	99
69) Pentachlorophenol	16.53	266	94859	19.054	ng/ul	98
70) Phenanthrene	16.91	178	823979	18.948	ng/ul	99
72) Anthracene	17.00	178	836027	19.162	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.90	216	213062	18.477	ng/uL	96
74) Pentachlorobenzene	14.44	250	203828	18.632	ng/uL	99
75) Carbazole	17.28	167	758489	21.014	ng/ul	99
76) Di-n-butylphthalate	17.86	149	828927	19.175	ng/ul	99
77) Fluoranthene	18.94	202	966895	21.196	ng/ul	100
80) Pyrene	19.30	202	1016447	19.068	ng/ul	99
81) Butylbenzylphthalate	20.23	149	379697	20.123	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.00	252	317761	22.852	ng/ul	98
83) Benzo(a)anthracene	21.06	228	1025737	19.599	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.02	149	575202	19.666	ng/ul	100
85) Chrysene	21.11	228	988315	18.998	ng/ul	99
87) Di-n-octyl phthalate	21.87	149	976496	19.507	ng/ul	100
88) Benzo(b)fluoranthene	22.57	252	1020826	18.948	ng/ul	99
89) Benzo(k)fluoranthene	22.61	252	1023401	19.018	ng/ul	99
91) Benzo(a)pyrene	23.10	252	909864	19.190	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.27	276	1126364	18.305	ng/ul	98
93) Dibenzo(a,h)anthracene	25.28	278	953947	18.307	ng/ul	99
94) Benzo(g,h,i)perylene	25.89	276	902285	17.568	ng/ul	98

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

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