Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080720\
Data File : BM027011.D
Acq On : 06 Aug 2020 19:36
Operator : JU/CG
Sample : SSTD01001
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD01001

Quant Time: Aug 07 03:11:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 07 03:07:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	81889	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	277548	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.28	164	194024	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	435184	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	480840	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	504397	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	7321	4.30	ng/uL	0.00
5) Phenol-d5	6.82	99	60260	9.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	43342	10.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	48283	9.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	45593	9.29	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	22104	10.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	21420	9.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	46584	9.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	53390	9.76	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	154210	9.94	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	181986	9.92	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	22226	8.44	ng/ul	0.00
58) Fluorene-d10	15.27	176	135030	9.60	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	19155	7.59	ng/ul	0.00
71) Anthracene-d10	17.12	188	213218	9.82	ng/ul	0.00
79) Pyrene-d10	19.42	212	233834	9.93	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	266462	9.42	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	9374	4.207	ng/uL	99
4) Benzaldehyde	6.79	77	50960	10.055	ng/ul	97
6) Phenol	6.85	94	65483	9.841	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.07	93	53928	10.045	ng/ul	96
10) 2-Chlorophenol	7.21	128	51344	10.095	ng/ul	99
11) 2-Methylphenol	8.09	108	44871	9.279	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.17	45	41180	10.718	ng/ul	94
14) Acetophenone	8.46	105	82659	10.006	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.45	70	47446	10.226	ng/ul#	95
16) 4-Methylphenol	8.41	108	49638	9.579	ng/ul	98
17) Hexachloroethane	8.72	117	25874	10.143	ng/ul	98
20) Nitrobenzene	8.83	77	74488	10.641	ng/ul	96
21) Isophorone	9.36	82	117778	10.550	ng/ul	97
23) 2-Nitrophenol	9.53	139	25223	9.793	ng/ul	89
24) 2,4-Dimethylphenol	9.60	107	60024	10.345	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.84	93	61425	9.409	ng/ul	98
27) 2,4-Dichlorophenol	10.07	162	48490	9.695	ng/ul	99
28) Naphthalene	10.46	128	158310	10.410	ng/ul	97
30) 4-Chloroaniline	10.57	127	53984	9.757	ng/ul	100
31) Hexachlorobutadiene	10.77	225	43726	9.912	ng/ul	98
32) Caprolactam	11.33	113	12296	9.209	ng/ul	96
33) 4-Chloro-3-methylphenol	11.70	107	49969	9.891	ng/ul	99
34) 2-Methylnaphthalene	12.09	142	116280	10.269	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.30	142	112624	10.036 ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.46	216	70787	9.181 ng/ul	98
38) Hexachlorocyclopentadiene	12.45	237	43822	8.644 ng/ul	96
39) 2,4,6-Trichlorophenol	12.70	196	40426	9.437 ng/ul	95
40) 2,4,5-Trichlorophenol	12.77	196	41687	8.760 ng/ul	93
41) 1,1'-Biphenyl	13.11	154	159098	10.276 ng/ul	99
42) 2-Chloronaphthalene	13.14	162	127225	10.077 ng/ul	99
43) 2-Nitroaniline	13.34	65	34496	9.640 ng/ul	95
45) Dimethylphthalate	13.74	163	162892	10.042 ng/ul	100
46) 2,6-Dinitrotoluene	13.85	165	28305	9.106 ng/ul	95
48) Acenaphthylene	13.99	152	187380	10.122 ng/ul	100
49) 3-Nitroaniline	14.17	138	23365	8.764 ng/ul#	99
50) Acenaphthene	14.34	153	132630	10.100 ng/ul	99
51) 2,4-Dinitrophenol	14.39	184	12774	7.529 ng/ul#	80
53) 4-Nitrophenol	14.49	109	27076	9.749 ng/ul	92
54) Dibenzofuran	14.67	168	190197	9.914 ng/ul	97
55) 2,4-Dinitrotoluene	14.64	165	42615	9.271 ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.91	232	38859	8.904 ng/ul	95
57) Diethylphthalate	15.12	149	165648	10.173 ng/ul	99
59) Fluorene	15.33	166	158448	9.615 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.33	204	85077	9.155 ng/ul	97
61) 4-Nitroaniline	15.33	138	29131	8.916 ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.40	198	21317	7.697 ng/ul	96
65) N-Nitrosodiphenylamine	15.54	169	130750	9.759 ng/ul	100
66) 4-Bromophenyl-phenylether	16.22	248	54210	9.580 ng/ul	98
67) Hexachlorobenzene	16.34	284	64176	9.805 ng/ul	96
68) Atrazine	16.49	200	48917	9.089 ng/ul	99
69) Pentachlorophenol	16.67	266	30188	8.259 ng/ul	96
70) Phenanthrene	17.06	178	259750	10.072 ng/ul	100
72) Anthracene	17.15	178	265724	9.876 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.07	216	67517	9.855 ng/uL	98
74) Pentachlorobenzene	14.60	250	71076	9.825 ng/uL	98
75) Carbazole	17.42	167	215598	9.410 ng/ul	99
76) Di-n-butylphthalate	18.00	149	263133	9.635 ng/ul	100
77) Fluoranthene	19.08	202	306176	9.260 ng/ul	98
80) Pyrene	19.44	202	321058	10.121 ng/ul	99
81) Butylbenzylphthalate	20.37	149	109401	9.576 ng/ul	95
82) 3,3'-Dichlorobenzidine	21.14	252	90177	8.381 ng/ul	98
83) Benzo(a)anthracene	21.20	228	316103	9.738 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.16	149	171045	9.868 ng/ul	99
85) Chrysene	21.25	228	315362	9.943 ng/ul	99
87) Di-n-octyl phthalate	22.03	149	278816	8.189 ng/ul	100
88) Benzo(b)fluoranthene	22.76	252	332902	9.496 ng/ul	98
89) Benzo(k)fluoranthene	22.80	252	342544	9.878 ng/ul	99
91) Benzo(a)pyrene	23.32	252	303458	9.445 ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.61	276	397116	9.829 ng/ul	99
93) Dibenzo(a,h)anthracene	25.63	278	341590	9.990 ng/ul	98
94) Benzo(g,h,i)perylene	26.28	276	329015	9.866 ng/ul	99

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

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