Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072320\
Data File : BG046049.D
Acq On : 23 Jul 2020 12:45
Operator : CG/JU
Sample : SSTD01026
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD01026

Quant Time: Jul 23 14:12:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 23 14:08:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	83044	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	346754	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	238854	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	564577	20.00	ng/ul	0.00
78) Chrysene-d12	21.58	240	597026	20.00	ng/ul	0.00
86) Perylene-d12	24.70	264	616582	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	7386	4.35	ng/uL	0.00
5) Phenol-d5	7.12	99	62557	9.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	40081	9.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	50719	9.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	52767	9.18	ng/ul	0.00
19) Nitrobenzene-d5	9.11	128	23353	9.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.84	143	22070	8.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	56398	10.02	ng/ul	0.00
29) 4-Chloroaniline-d4	10.88	131	57411	8.89	ng/ul	0.00
44) Dimethylphthalate-d6	13.99	166	194559	10.15	ng/ul	0.00
47) Acenaphthylene-d8	14.28	160	229311	10.10	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	25479	7.99	ng/ul	0.00
58) Fluorene-d10	15.58	176	177209	10.28	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	20223	7.36	ng/ul	0.00
71) Anthracene-d10	17.42	188	271398	10.28	ng/ul	0.00
79) Pyrene-d10	19.71	212	331094	9.96	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.48	264	345359	10.04	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	8329	3.890	ng/uL	97
4) Benzaldehyde	7.10	77	44018	8.685	ng/ul	95
6) Phenol	7.15	94	66817	9.423	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.38	93	55595	9.558	ng/ul	97
10) 2-Chlorophenol	7.53	128	52395	9.569	ng/ul	99
11) 2-Methylphenol	8.41	108	53653	9.571	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.49	45	98460	9.193	ng/ul	98
14) Acetophenone	8.78	105	85261	9.945	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.76	70	43820	9.036	ng/ul	98
16) 4-Methylphenol	8.73	108	56021	9.236	ng/ul	98
17) Hexachloroethane	9.05	117	22178	9.460	ng/ul	95
20) Nitrobenzene	9.16	77	62259	9.326	ng/ul	96
21) Isophorone	9.68	82	123513	9.266	ng/ul	99
23) 2-Nitrophenol	9.87	139	24975	8.828	ng/ul	98
24) 2,4-Dimethylphenol	9.93	107	61969	9.690	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.17	93	79002	9.905	ng/ul	97
27) 2,4-Dichlorophenol	10.40	162	55902	10.063	ng/ul	92
28) Naphthalene	10.81	128	192547	10.421	ng/ul	99
30) 4-Chloroaniline	10.91	127	56839	8.989	ng/ul	96
31) Hexachlorobutadiene	11.11	225	43695	10.672	ng/ul	95
32) Caprolactam	11.65	113	17102	8.582	ng/ul	96
33) 4-Chloro-3-methylphenol	12.04	107	56793	9.447	ng/ul	96
34) 2-Methylnaphthalene	12.42	142	146360	10.528	ng/ul	96

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35) 1-Methylnaphthalene	12.64	142	144569	10.491	ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	85801	10.582	ng/ul	92
38) Hexachlorocyclopentadiene	12.78	237	43139	9.469	ng/ul	93
39) 2,4,6-Trichlorophenol	13.02	196	44966	9.276	ng/ul	98
40) 2,4,5-Trichlorophenol	13.09	196	50156	9.512	ng/ul	98
41) 1,1'-Biphenyl	13.42	154	194691	10.461	ng/ul	97
42) 2-Chloronaphthalene	13.46	162	151906	10.129	ng/ul	97
43) 2-Nitroaniline	13.66	65	31416	7.926	ng/ul	98
45) Dimethylphthalate	14.04	163	197092	10.131	ng/ul	98
46) 2,6-Dinitrotoluene	14.15	165	32668	8.815	ng/ul	93
48) Acenaphthylene	14.31	152	240339	10.442	ng/ul	99
49) 3-Nitroaniline	14.48	138	28873	8.209	ng/ul#	96
50) Acenaphthene	14.65	153	168498	10.061	ng/ul	99
51) 2,4-Dinitrophenol	14.68	184	8949	5.747	ng/ul#	80
53) 4-Nitrophenol	14.79	109	18592	7.444	ng/ul	93
54) Dibenzofuran	14.99	168	235330	10.471	ng/ul	100
55) 2,4-Dinitrotoluene	14.94	165	48958	9.322	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	15.22	232	46761	9.425	ng/ul#	95
57) Diethylphthalate	15.41	149	192575	9.850	ng/ul	98
59) Fluorene	15.63	166	200837	10.521	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.63	204	102968	10.400	ng/ul	95
61) 4-Nitroaniline	15.64	138	34430	8.542	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.70	198	20912	6.982	ng/ul#	95
65) N-Nitrosodiphenylamine	15.84	169	167309	10.172	ng/ul	98
66) 4-Bromophenyl-phenylether	16.53	248	71557	10.525	ng/ul	93
67) Hexachlorobenzene	16.64	284	80610	10.661	ng/ul	95
68) Atrazine	16.79	200	68334	10.377	ng/ul	93
69) Pentachlorophenol	16.98	266	35203	8.576	ng/ul	94
70) Phenanthrene	17.37	178	331413	10.442	ng/ul	98
72) Anthracene	17.46	178	334872	10.486	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.39	216	84589	10.269	ng/uL	99
74) Pentachlorobenzene	14.91	250	85136	10.345	ng/uL	98
75) Carbazole	17.73	167	287938	11.044	ng/ul	99
76) Di-n-butylphthalate	18.30	149	328167	10.078	ng/ul	99
77) Fluoranthene	19.38	202	426970	12.084	ng/ul	98
80) Pyrene	19.74	202	437754	10.330	ng/ul	99
81) Butylbenzylphthalate	20.64	149	132829	8.502	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.48	252	124399	9.400	ng/ul	100
83) Benzo(a)anthracene	21.56	228	417356	10.096	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.50	149	212034	9.437	ng/ul	97
85) Chrysene	21.63	228	406493	10.169	ng/ul	99
87) Di-n-octyl phthalate	22.68	149	353066	10.029	ng/ul	100
88) Benzo(b)fluoranthene	23.71	252	425964	9.999	ng/ul	100
89) Benzo(k)fluoranthene	23.78	252	439503	10.410	ng/ul	97
91) Benzo(a)pyrene	24.55	252	397677	10.171	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.22	276	493690	10.081	ng/ul	95
93) Dibenzo(a,h)anthracene	28.28	278	405888	10.142	ng/ul	99
94) Benzo(g,h,i)perylene	29.30	276	413768	10.004	ng/ul	99

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

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