Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082218\
Data File : BG036333.D
Acq On : 22 Aug 2018 8:48
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02020

Quant Time: Aug 22 10:22:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG082118MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 21 20:07:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	44208	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	194879	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	122585	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	313279	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	340798	20.00	ng/ul	0.00
86) Perylene-d12	24.93	264	352417	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	8719	7.35	ng/uL	0.00
5) Phenol-d5	7.22	99	84257	20.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	57668	20.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	61912	20.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	64719	20.61	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	25978	21.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	27248	22.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	63769	19.92	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	69470	19.61	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	210134	20.50	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	251688	20.37	ng/ul	0.00
52) 4-Nitrophenol-d4	14.87	143	34982	23.07	ng/ul	0.00
58) Fluorene-d10	15.69	176	181663	20.38	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	22360	19.71	ng/ul	0.00
71) Anthracene-d10	17.54	188	299881	20.52	ng/ul	0.00
79) Pyrene-d10	19.82	212	358521	20.53	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.72	264	381968	19.97	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	9812	7.836	ng/uL#	21
4) Benzaldehyde	7.21	77	61860	22.438	ng/ul	97
6) Phenol	7.24	94	83763	20.377	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.49	93	65771	21.546	ng/ul#	82
10) 2-Chlorophenol	7.63	128	60917	20.507	ng/ul	91
11) 2-Methylphenol	8.51	108	64695	20.657	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.61	45	136953	20.380	ng/ul#	88
14) Acetophenone	8.89	105	103018	21.405	ng/ul#	95
15) N-Nitroso-di-n-propylamine	8.88	70	58253	20.089	ng/ul#	83
16) 4-Methylphenol	8.83	108	69399	21.183	ng/ul	92
17) Hexachloroethane	9.16	117	24519	20.719	ng/ul	98
20) Nitrobenzene	9.28	77	73548	21.802	ng/ul	92
21) Isophorone	9.80	82	160823	19.640	ng/ul	97
23) 2-Nitrophenol	9.99	139	27730	21.903	ng/ul	99
24) 2,4-Dimethylphenol	10.04	107	76304	19.733	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.29	93	89931	20.315	ng/ul	98
27) 2,4-Dichlorophenol	10.52	162	61419	20.250	ng/ul	95
28) Naphthalene	10.93	128	198873	19.913	ng/ul	98
30) 4-Chloroaniline	11.03	127	68346	19.808	ng/ul	92
31) Hexachlorobutadiene	11.22	225	43846	20.250	ng/ul	95
32) Caprolactam	11.78	113	25756	20.521	ng/ul#	65
33) 4-Chloro-3-methylphenol	12.14	107	71595	20.090	ng/ul	96
34) 2-Methylnaphthalene	12.53	142	150086	20.135	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.75	142	146864	20.201 ng/ul	94
37) 1,2,4,5-Tetrachlorobenzene	12.90	216	82715	19.810 ng/ul#	95
38) Hexachlorocyclopentadiene	12.88	237	49999	20.013 ng/ul	93
39) 2,4,6-Trichlorophenol	13.13	196	51651	20.028 ng/ul	96
40) 2,4,5-Trichlorophenol	13.19	196	55224	20.658 ng/ul	94
41) 1,1'-Biphenyl	13.54	154	192771	20.093 ng/ul#	97
42) 2-Chloronaphthalene	13.58	162	149703	20.339 ng/ul	98
43) 2-Nitroaniline	13.77	65	43674	22.677 ng/ul	94
45) Dimethylphthalate	14.15	163	203990	20.740 ng/ul	98
46) 2,6-Dinitrotoluene	14.26	165	32773	23.845 ng/ul	95
48) Acenaphthylene	14.42	152	236442	20.296 ng/ul	99
49) 3-Nitroaniline	14.59	138	33797	23.597 ng/ul#	90
50) Acenaphthene	14.76	153	167674	20.102 ng/ul	98
51) 2,4-Dinitrophenol	14.79	184	14164	20.262 ng/ul	87
53) 4-Nitrophenol	14.88	109	31123	22.122 ng/ul	86
54) Dibenzofuran	15.10	168	233328	20.210 ng/ul	98
55) 2,4-Dinitrotoluene	15.05	165	46768	24.601 ng/ul#	87
56) 2,3,4,6-Tetrachlorophenol	15.32	232	51463	20.558 ng/ul#	86
57) Diethylphthalate	15.52	149	207593	20.797 ng/ul	97
59) Fluorene	15.74	166	191110	20.532 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.74	204	102799	20.271 ng/ul	92
61) 4-Nitroaniline	15.75	138	43218	23.818 ng/ul#	90
64) 4,6-Dinitro-2-methylphenol	15.81	198	24517	20.918 ng/ul#	97
65) N-Nitrosodiphenylamine	15.95	169	171849	19.580 ng/ul	98
66) 4-Bromophenyl-phenylether	16.64	248	66923	19.313 ng/ul	93
67) Hexachlorobenzene	16.74	284	67683	19.570 ng/ul#	86
68) Atrazine	16.90	200	76577	21.154 ng/ul	100
69) Pentachlorophenol	17.08	266	42471	20.254 ng/ul	97
70) Phenanthrene	17.48	178	337130	20.708 ng/ul	98
72) Anthracene	17.58	178	337555	20.604 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	90482	18.902 ng/uL	95
74) Pentachlorobenzene	15.02	250	81737	19.614 ng/uL	99
75) Carbazole	17.84	167	308883	22.429 ng/ul#	97
76) Di-n-butylphthalate	18.41	149	383986	21.340 ng/ul	98
77) Fluoranthene	19.49	202	431170	22.841 ng/ul#	95
80) Pyrene	19.85	202	420516	20.364 ng/ul#	92
81) Butylbenzylphthalate	20.74	149	176113	20.951 ng/ul	90
82) 3,3'-Dichlorobenzidine	21.61	252	143680	20.466 ng/ul	99
83) Benzo(a)anthracene	21.69	228	432707	20.093 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.63	149	245657	20.500 ng/ul	99
85) Chrysene	21.76	228	398621	20.181 ng/ul	100
87) Di-n-octyl phthalate	22.85	149	420862	21.248 ng/ul	100
88) Benzo(b)fluoranthene	23.92	252	422277	20.234 ng/ul#	98
89) Benzo(k)fluoranthene	23.99	252	398960	19.829 ng/ul	99
91) Benzo(a)pyrene	24.79	252	396076	20.057 ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	28.62	276	476165	20.251 ng/ul#	95
93) Dibenzo(a,h)anthracene	28.68	278	380923	19.980 ng/ul	97
94) Benzo(g,h,i)perylene	29.75	276	393748	20.306 ng/ul#	97

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

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