Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081618\
Data File : BG036310.D
Acq On : 16 Aug 2018 13:32
Operator : JU/SJ
Sample : SSTD16008
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD16008

Quant Time: Aug 16 14:05:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081618MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 16 12:06:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	40884	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	165535	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.71	164	118321	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	309821	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	305786	20.00	ng/ul	0.01
86) Perylene-d12	24.96	264	300484	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	69027	66.44	ng/uL	0.00
5) Phenol-d5	7.24	99	682058	163.58	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.41	67	442595	156.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	421606	172.37	ng/ul	0.01
13) 4-Methylphenol-d8	8.79	113	498467	160.19	ng/ul	0.02
19) Nitrobenzene-d5	9.25	128	188808	212.59	ng/ul	0.01
22) 2-Nitrophenol-d4	9.97	143	202450	210.71	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.51	165	511869	169.75	ng/ul	0.02
29) 4-Chloroaniline-d4	11.03	131	421219	150.70	ng/ul	0.01
44) Dimethylphthalate-d6	14.12	166	1492506	146.40	ng/ul	0.01
47) Acenaphthylene-d8	14.41	160	1746065	146.58	ng/ul	0.02
52) 4-Nitrophenol-d4	14.91	143	222484	179.46	ng/ul	0.03
58) Fluorene-d10	15.70	176	1353795	146.10	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.83	200	208878	206.96	ng/ul	0.03
71) Anthracene-d10	17.56	188	2028485	138.17	ng/ul	0.01
79) Pyrene-d10	19.83	212	2330492	141.86	ng/ul	0.01
90) Benzo(a)pyrene-d12	24.76	264	2572813	156.38	ng/ul	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	73825	57.616	ng/uL#	82
4) Benzaldehyde	7.22	77	379988	113.855	ng/ul	83
6) Phenol	7.26	94	681477	159.373	ng/ul#	72
8) Bis(2-Chloroethyl)ether	7.51	93	480272	156.229	ng/ul	93
10) 2-Chlorophenol	7.65	128	401708	166.017	ng/ul#	84
11) 2-Methylphenol	8.52	108	508904	165.580	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.62	45	570866	149.500	ng/ul#	90
14) Acetophenone	8.92	105	780285	151.119	ng/ul#	78
15) N-Nitroso-di-n-propylamine	8.92	70	508377	141.615	ng/ul#	94
16) 4-Methylphenol	8.86	108	523629	160.363	ng/ul	94
17) Hexachloroethane	9.17	117	189017	153.588	ng/ul	94
20) Nitrobenzene	9.29	77	709466	192.057	ng/ul#	88
21) Isophorone	9.83	82	1344934	142.367	ng/ul#	94
23) 2-Nitrophenol	10.00	139	222137	206.115	ng/ul#	71
24) 2,4-Dimethylphenol	10.06	107	643382	151.728	ng/ul	88
25) Bis(2-Chloroethoxy)methane	10.30	93	655040	144.711	ng/ul	93
27) 2,4-Dichlorophenol	10.54	162	443177	162.888	ng/ul#	91
28) Naphthalene	10.95	128	1270200	149.272	ng/ul	97
30) 4-Chloroaniline	11.05	127	408320	140.165	ng/ul	94
31) Hexachlorobutadiene	11.23	225	389665	146.890	ng/ul	96
32) Caprolactam	11.86	113	105891	86.194	ng/ul	91
33) 4-Chloro-3-methylphenol	12.17	107	588062	153.382	ng/ul	87
34) 2-Methylnaphthalene	12.55	142	968778	148.504	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.76	142	952082	148.819 ng/ul#	95
37) 1,2,4,5-Tetrachlorobenzene	12.91	216	727792	156.976 ng/ul#	97
38) Hexachlorocyclopentadiene	12.89	237	459428	170.294 ng/ul	95
39) 2,4,6-Trichlorophenol	13.15	196	456228	170.802 ng/ul	99
40) 2,4,5-Trichlorophenol	13.22	196	481609	163.130 ng/ul	100
41) 1,1'-Biphenyl	13.55	154	1297717	151.232 ng/ul#	93
42) 2-Chloronaphthalene	13.59	162	1042113	152.069 ng/ul	91
43) 2-Nitroaniline	13.79	65	456062	236.491 ng/ul#	73
45) Dimethylphthalate	14.17	163	1415079	140.043 ng/ul	98
46) 2,6-Dinitrotoluene	14.29	165	286030	218.117 ng/ul#	68
48) Acenaphthylene	14.44	152	1515746	147.760 ng/ul#	93
49) 3-Nitroaniline	14.62	138	203952	160.217 ng/ul#	73
50) Acenaphthene	14.77	153	1131509	151.804 ng/ul	98
51) 2,4-Dinitrophenol	14.81	184	142016	265.873 ng/ul#	79
53) 4-Nitrophenol	14.93	109	325896	176.526 ng/ul#	81
54) Dibenzofuran	15.11	168	1529226	141.962 ng/ul	88
55) 2,4-Dinitrotoluene	15.07	165	384467	211.529 ng/ul#	65
56) 2,3,4,6-Tetrachlorophenol	15.33	232	446566	174.676 ng/ul#	90
57) Diethylphthalate	15.54	149	1398099	139.664 ng/ul	96
59) Fluorene	15.76	166	1377331	147.229 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.76	204	873623	147.936 ng/ul	94
61) 4-Nitroaniline	15.80	138	266782	158.898 ng/ul#	37
64) 4,6-Dinitro-2-methylphenol	15.84	198	227955	217.009 ng/ul#	84
65) N-Nitrosodiphenylamine	15.97	169	1216371	152.297 ng/ul	98
66) 4-Bromophenyl-phenylether	16.65	248	579551	160.816 ng/ul	94
67) Hexachlorobenzene	16.76	284	595482	165.739 ng/ul#	94
68) Atrazine	16.92	200	542075	152.168 ng/ul	91
69) Pentachlorophenol	17.09	266	364246	202.969 ng/ul	97
70) Phenanthrene	17.50	178	2180631	141.072 ng/ul#	91
72) Anthracene	17.59	178	2107132	139.141 ng/ul#	92
73) 1,2,3,4-Tetrachlorobenzene	13.51	216	807882	166.725 ng/uL	97
74) Pentachlorobenzene	15.03	250	692438	157.899 ng/uL	98
75) Carbazole	17.85	167	1840117	147.299 ng/ul#	89
76) Di-n-butylphthalate	18.43	149	2088312	142.204 ng/ul#	90
77) Fluoranthene	19.50	202	2727028	138.936 ng/ul	99
80) Pyrene	19.87	202	2555743	131.095 ng/ul	98
81) Butylbenzylphthalate	20.76	149	1055027	175.580 ng/ul#	75
82) 3,3'-Dichlorobenzidine	21.62	252	898284	140.196 ng/ul#	99
83) Benzo(a)anthracene	21.71	228	2721100	140.111 ng/ul#	90
84) Bis(2-ethylhexyl)phthalate	21.64	149	1400208	164.316 ng/ul#	94
85) Chrysene	21.78	228	2509130	141.330 ng/ul#	89
87) Di-n-octyl phthalate	22.88	149	2301583	148.800 ng/ul	100
88) Benzo(b)fluoranthene	23.95	252	2961578	144.665 ng/ul#	93
89) Benzo(k)fluoranthene	24.02	252	2728794	138.346 ng/ul#	91
91) Benzo(a)pyrene	24.84	252	2690638	142.806 ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	28.69	276	3342032	160.302 ng/ul#	93
93) Dibenzo(a,h)anthracene	28.76	278	2635369	156.211 ng/ul#	93
94) Benzo(g,h,i)perylene	29.86	276	2728104	157.819 ng/ul#	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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