Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101520\
Data File : BG046920.D
Acq On : 15 Oct 2020 19:49
Operator : CG/JU
Sample : SSTD08026
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD08026

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10/16/2020 12:47:06 PM

Quant Time: Oct 16 01:45:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 15 19:04:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	56947	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	231438	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	165242	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	399133	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	401801	20.00	ng/ul	0.00
86) Perylene-d12	24.98	264	410478	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	37474	32.30	ng/uL	0.00
5) Phenol-d5	7.24	99	429279	88.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	240934	81.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	321310	90.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	339515	89.07	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	165127	95.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	193577	109.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	384699	92.88	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	430457	87.45	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	1107197	87.69	ng/ul	0.01
47) Acenaphthylene-d8	14.40	160	1269974	84.71	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	206109	95.75	ng/ul	0.01
58) Fluorene-d10	15.70	176	1017967	87.44	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	251330	126.02	ng/ul	0.01
71) Anthracene-d10	17.56	188	1514722	82.72	ng/ul	0.00
79) Pyrene-d10	19.84	212	1796529	86.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	1911971	86.42	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	46176	31.048	ng/uL	95
4) Benzaldehyde	7.21	77	254761m	74.111	ng/ul	
6) Phenol	7.27	94	444619	87.083	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.50	93	330445	84.042	ng/ul	96
10) 2-Chlorophenol	7.65	128	322008	88.770	ng/ul	99
11) 2-Methylphenol	8.52	108	337716	89.719	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.61	45	468987	75.808	ng/ul	96
14) Acetophenone	8.90	105	534131	86.440	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.90	70	282929	84.766	ng/ul	95
16) 4-Methylphenol	8.86	108	354933	88.403	ng/ul	97
17) Hexachloroethane	9.17	117	139998	83.092	ng/ul	97
20) Nitrobenzene	9.29	77	439850	89.013	ng/ul	99
21) Isophorone	9.82	82	806398	81.813	ng/ul	96
23) 2-Nitrophenol	10.00	139	199144	103.839	ng/ul	95
24) 2,4-Dimethylphenol	10.06	107	409163	85.169	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.29	93	457134	79.618	ng/ul	97
27) 2,4-Dichlorophenol	10.54	162	365890	90.754	ng/ul	98
28) Naphthalene	10.94	128	1080166	84.299	ng/ul	98
30) 4-Chloroaniline	11.05	127	410376	85.636	ng/ul	98
31) Hexachlorobutadiene	11.23	225	298116	86.046	ng/ul	98
32) Caprolactam	11.83	113	123252m	88.602	ng/ul	
33) 4-Chloro-3-methylphenol	12.17	107	392368	89.047	ng/ul	97
34) 2-Methylnaphthalene	12.54	142	796936	85.079	ng/ul	98

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35) 1-Methylnaphthalene	12.76	142	776535	85.539	ng/uL	97
37) 1,2,4,5-Tetrachlorobenzene	12.91	216	535508	88.521	ng/ul	99
38) Hexachlorocyclopentadiene	12.89	237	378315	96.707	ng/ul#	91
39) 2,4,6-Trichlorophenol	13.15	196	352448	98.446	ng/ul	93
40) 2,4,5-Trichlorophenol	13.22	196	362352	95.373	ng/ul	99
41) 1,1'-Biphenyl	13.55	154	1070486	84.218	ng/ul	96
42) 2-Chloronaphthalene	13.59	162	864862	84.946	ng/ul	98
43) 2-Nitroaniline	13.79	65	283362	105.075	ng/ul	94
45) Dimethylphthalate	14.16	163	1114136	87.188	ng/ul	97
46) 2,6-Dinitrotoluene	14.29	165	257012	113.656	ng/ul	95
48) Acenaphthylene	14.43	152	1261376	85.396	ng/ul	96
49) 3-Nitroaniline	14.62	138	206260	91.580	ng/ul	97
50) Acenaphthene	14.77	153	904109	86.011	ng/ul	97
51) 2,4-Dinitrophenol	14.82	184	175212	129.013	ng/ul	97
53) 4-Nitrophenol	14.92	109	213596	100.159	ng/ul	97
54) Dibenzofuran	15.11	168	1305629	84.536	ng/ul	94
55) 2,4-Dinitrotoluene	15.07	165	354625	113.353	ng/ul	91
56) 2,3,4,6-Tetrachlorophenol	15.33	232	367569	103.837	ng/ul#	94
57) Diethylphthalate	15.53	149	1126847	88.252	ng/ul	95
59) Fluorene	15.76	166	1068564	85.201	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.74	204	639340	88.560	ng/ul	99
61) 4-Nitroaniline	15.78	138	224762	90.763	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.84	198	267652	122.229	ng/ul	96
65) N-Nitrosodiphenylamine	15.96	169	968826	84.325	ng/ul	94
66) 4-Bromophenyl-phenylether	16.64	248	449526	90.197	ng/ul	98
67) Hexachlorobenzene	16.76	284	468665	109.086	ng/ul	95
68) Atrazine	16.91	200	433097	91.000	ng/ul	93
69) Pentachlorophenol	17.10	266	311744	99.252	ng/ul	96
70) Phenanthrene	17.50	178	1804184	82.687	ng/ul	94
72) Anthracene	17.59	178	1772412	80.175	ng/ul	96
73) 1,2,3,4-Tetrachlorobenzene	13.51	216	539317	87.569	ng/uL	98
74) Pentachlorobenzene	15.03	250	547106	87.426	ng/uL	97
75) Carbazole	17.86	167	1509409	85.662	ng/ul	97
76) Di-n-butylphthalate	18.41	149	1803816	82.540	ng/ul#	97
77) Fluoranthene	19.50	202	2203479	85.042	ng/ul#	96
80) Pyrene	19.87	202	2103526	81.450	ng/ul#	97
81) Butylbenzylphthalate	20.74	149	844832	93.860	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.62	252	812185	86.430	ng/ul	94
83) Benzo(a)anthracene	21.71	228	2166537	82.408	ng/ul	94
84) Bis(2-ethylhexyl)phthalate	21.61	149	1195441	89.312	ng/ul	99
85) Chrysene	21.78	228	2089185	81.920	ng/ul	92
87) Di-n-octyl phthalate	22.83	149	1969034	87.828	ng/ul	100
88) Benzo(b)fluoranthene	23.95	252	2323264	85.794	ng/ul	99
89) Benzo(k)fluoranthene	24.02	252	2167458	82.116	ng/ul	94
91) Benzo(a)pyrene	24.84	252	2066862	83.562	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	28.71	276	2626465	86.547	ng/ul	99
93) Dibenzo(a,h)anthracene	28.77	278	2143637	85.253	ng/ul	97
94) Benzo(g,h,i)perylene	29.88	276	2190393	86.151	ng/ul	97

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

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