Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072320\
Data File : BG046052.D
Acq On : 23 Jul 2020 14:46
Operator : CG/JU
Sample : SSTD08029
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD08029

Manual Integrations APPROVED
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Quant Time: Jul 23 15:30:55 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	7.97	152	88122	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	361025	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	237010	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	528053	20.00	ng/ul	0.00
78) Chrysene-d12	21.58	240	499360	20.00	ng/ul	0.00
86) Perylene-d12	24.70	264	524509	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	51908	28.83	ng/uL	0.00
5) Phenol-d5	7.13	99	589632	80.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.30	67	353559	76.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	476642	83.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.68	113	492110	80.70	ng/ul	0.02
19) Nitrobenzene-d5	9.12	128	228391	89.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	263846	101.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.39	165	514982	87.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	581623	86.51	ng/ul	0.00
44) Dimethylphthalate-d6	14.01	166	1428973	75.16	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	1701903	75.58	ng/ul	0.00
52) 4-Nitrophenol-d4	14.79	143	269633	85.18	ng/ul	0.02
58) Fluorene-d10	15.59	176	1280031	74.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	254737	99.18	ng/ul	0.02
71) Anthracene-d10	17.44	188	1820368	73.72	ng/ul	0.00
79) Pyrene-d10	19.72	212	2022572	72.75	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.50	264	2397421	81.89	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	64370	28.334	ng/uL#	86
4) Benzaldehyde	7.10	77	411950	76.596	ng/ul	99
6) Phenol	7.16	94	602513	80.071	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.39	93	484754	78.534	ng/ul	98
10) 2-Chlorophenol	7.54	128	472479	81.318	ng/ul	96
11) 2-Methylphenol	8.41	108	490544	82.465	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.50	45	809428	71.220	ng/ul	99
14) Acetophenone	8.79	105	702177	77.187	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.79	70	380985	74.038	ng/ul	99
16) 4-Methylphenol	8.75	108	512277	79.592	ng/ul	94
17) Hexachloroethane	9.05	117	198469	79.779	ng/ul	100
20) Nitrobenzene	9.16	77	556758	80.099	ng/ul	98
21) Isophorone	9.70	82	1067854	76.941	ng/ul	99
23) 2-Nitrophenol	9.87	139	279400	94.859	ng/ul	97
24) 2,4-Dimethylphenol	9.94	107	539671	81.048	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.17	93	658375	79.285	ng/ul	97
27) 2,4-Dichlorophenol	10.42	162	493740	85.366	ng/ul	96
28) Naphthalene	10.81	128	1490528	77.480	ng/ul	96
30) 4-Chloroaniline	10.91	127	558554	84.844	ng/ul	96
31) Hexachlorobutadiene	11.11	225	367488	86.205	ng/ul	97
32) Caprolactam	11.70	113	162624m	78.381	ng/ul	
33) 4-Chloro-3-methylphenol	12.05	107	512621	81.902	ng/ul	99
34) 2-Methylnaphthalene	12.42	142	1110457	76.723	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.64	142	1095089	76.326	ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	654126	81.306	ng/ul	99
38) Hexachlorocyclopentadiene	12.78	237	421295	93.191	ng/ul	97
39) 2,4,6-Trichlorophenol	13.02	196	444437	92.397	ng/ul	99
40) 2,4,5-Trichlorophenol	13.10	196	462879	88.472	ng/ul	99
41) 1,1'-Biphenyl	13.43	154	1375794	74.502	ng/ul#	91
42) 2-Chloronaphthalene	13.47	162	1142726	76.787	ng/ul	95
43) 2-Nitroaniline	13.66	65	334750	85.117	ng/ul	94
45) Dimethylphthalate	14.05	163	1395119	72.272	ng/ul#	98
46) 2,6-Dinitrotoluene	14.16	165	326865	88.886	ng/ul	98
48) Acenaphthylene	14.32	152	1669372	73.094	ng/ul	93
49) 3-Nitroaniline	14.49	138	304399	87.220	ng/ul	98
50) Acenaphthene	14.66	153	1248248	75.110	ng/ul	99
51) 2,4-Dinitrophenol	14.69	184	158694	102.707	ng/ul#	93
53) 4-Nitrophenol	14.81	109	190797	76.986	ng/ul	94
54) Dibenzofuran	14.99	168	1629021	73.048	ng/ul	91
55) 2,4-Dinitrotoluene	14.95	165	456406	87.576	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.22	232	434130	88.180	ng/ul	97
57) Diethylphthalate	15.42	149	1397102	72.018	ng/ul	94
59) Fluorene	15.64	166	1350885	71.316	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.64	204	741819	75.507	ng/ul	97
61) 4-Nitroaniline	15.66	138	326859	81.727	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.72	198	272311	97.212	ng/ul#	98
65) N-Nitrosodiphenylamine	15.84	169	1214846	78.965	ng/ul	95
66) 4-Bromophenyl-phenylether	16.53	248	536958	84.444	ng/ul	95
67) Hexachlorobenzene	16.65	284	588607	83.234	ng/ul	98
68) Atrazine	16.80	200	515591	83.712	ng/ul	98
69) Pentachlorophenol	16.98	266	361576	94.176	ng/ul	98
70) Phenanthrene	17.38	178	2134489	71.905	ng/ul#	91
72) Anthracene	17.47	178	2086377	69.850	ng/ul#	90
73) 1,2,3,4-Tetrachlorobenzene	13.39	216	672625	87.300	ng/uL	99
74) Pentachlorobenzene	14.92	250	654582	85.037	ng/uL	95
75) Carbazole	17.74	167	1924092	78.905	ng/ul	94
76) Di-n-butylphthalate	18.31	149	2149746	70.582	ng/ul#	94
77) Fluoranthene	19.38	202	2518550	76.212	ng/ul#	93
80) Pyrene	19.75	202	2395059	67.570	ng/ul#	89
81) Butylbenzylphthalate	20.64	149	1037437	79.392	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.48	252	979726	88.514	ng/ul	98
83) Benzo(a)anthracene	21.57	228	2445855	70.739	ng/ul#	88
84) Bis(2-ethylhexyl)phthalate	21.50	149	1376357	73.241	ng/ul#	95
85) Chrysene	21.63	228	2386116	71.364	ng/ul#	89
87) Di-n-octyl phthalate	22.68	149	2389956	79.802	ng/ul	100
88) Benzo(b)fluoranthene	23.72	252	2835992	78.255	ng/ul	94
89) Benzo(k)fluoranthene	23.79	252	2658764	74.028	ng/ul	94
91) Benzo(a)pyrene	24.58	252	2585713	77.742	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	28.25	276	3446264	82.728	ng/ul	95
93) Dibenzo(a,h)anthracene	28.31	278	2769723	81.358	ng/ul	97
94) Benzo(g,h,i)perylene	29.36	276	2882609	81.927	ng/ul	98

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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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