Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081619\
Data File : BG042258.D
Acq On : 16 Aug 2019 14:00
Operator : HP/JU
Sample : SSTD08080
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD08080

Quant Time: Aug 16 14:38:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 16 13:29:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	59841	20.00	ng/ul	0.00
18) Naphthalene-d8	10.84	136	256020	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	186561	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	421468	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	411960	20.00	ng/ul	0.00
86) Perylene-d12	24.98	264	497009	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	39190	24.39	ng/uL	0.00
5) Phenol-d5	7.18	99	369337	66.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	179469	47.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	322601	80.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	310220	73.00	ng/ul	0.00
19) Nitrobenzene-d5	9.18	128	158370	101.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.91	143	196944	125.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	387554	92.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.97	131	414848	89.16	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	1071701	68.70	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	1236247	65.74	ng/ul	0.00
52) 4-Nitrophenol-d4	14.89	143	198575	86.06	ng/ul	0.02
58) Fluorene-d10	15.68	176	956286	70.49	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	250669	164.20	ng/ul	0.01
71) Anthracene-d10	17.53	188	1453483m	73.92	ng/ul	0.00
79) Pyrene-d10	19.82	212	1628940	77.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	1949603	72.28	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	39310	23.192	ng/uL	95
4) Benzaldehyde	7.14	77	173227	46.419	ng/ul	99
6) Phenol	7.20	94	376390	67.643	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.43	93	273205	66.120	ng/ul	98
10) 2-Chlorophenol	7.58	128	326667	81.239	ng/ul	98
11) 2-Methylphenol	8.47	108	308384	72.743	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.54	45	351805	38.676	ng/ul	98
14) Acetophenone	8.84	105	457503	70.225	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.84	70	216943	55.270	ng/ul	98
16) 4-Methylphenol	8.80	108	326725	73.673	ng/ul	96
17) Hexachloroethane	9.11	117	125528	78.364	ng/ul	96
20) Nitrobenzene	9.23	77	316458	71.406	ng/ul	96
21) Isophorone	9.77	82	632487	58.794	ng/ul	98
23) 2-Nitrophenol	9.95	139	207604	124.818	ng/ul	95
24) 2,4-Dimethylphenol	10.01	107	361078	71.079	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.24	93	387697	66.663	ng/ul	98
27) 2,4-Dichlorophenol	10.49	162	368614	92.508	ng/ul	95
28) Naphthalene	10.89	128	992884	75.674	ng/ul	96
30) 4-Chloroaniline	11.00	127	408491	90.115	ng/ul	97
31) Hexachlorobutadiene	11.18	225	262466	92.271	ng/ul	97
32) Caprolactam	11.79	113	117207m	71.083	ng/ul	
33) 4-Chloro-3-methylphenol	12.13	107	347783	74.284	ng/ul	99
34) 2-Methylnaphthalene	12.50	142	791092	80.784	ng/ul	97

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.72	142	754649	79.012 ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.87	216	509281	80.143 ng/ul	97
38) Hexachlorocyclopentadiene	12.85	237	313952	82.571 ng/ul	99
39) 2,4,6-Trichlorophenol	13.11	196	344216	87.702 ng/ul	99
40) 2,4,5-Trichlorophenol	13.19	196	371854	91.403 ng/ul	99
41) 1,1'-Biphenyl	13.51	154	1003555	68.731 ng/ul	96
42) 2-Chloronaphthalene	13.55	162	835246	74.563 ng/ul	97
43) 2-Nitroaniline	13.75	65	201271	68.670 ng/ul	96
45) Dimethylphthalate	14.13	163	1041537	69.583 ng/ul	98
46) 2,6-Dinitrotoluene	14.25	165	263377	125.913 ng/ul	99
48) Acenaphthylene	14.40	152	1206700	68.063 ng/ul	95
49) 3-Nitroaniline	14.58	138	209146	95.949 ng/ul#	99
50) Acenaphthene	14.74	153	876816	69.071 ng/ul	98
51) 2,4-Dinitrophenol	14.79	184	173523	163.108 ng/ul	94
53) 4-Nitrophenol	14.91	109	131476	61.404 ng/ul	98
54) Dibenzofuran	15.08	168	1248044	71.032 ng/ul	95
55) 2,4-Dinitrotoluene	15.05	165	369676	127.775 ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.31	232	355154	93.223 ng/ul	98
57) Diethylphthalate	15.50	149	1031119	67.876 ng/ul	95
59) Fluorene	15.73	166	1017617	71.838 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.72	204	600627	77.822 ng/ul	97
61) 4-Nitroaniline	15.76	138	234639	84.970 ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.82	198	267731	169.795 ng/ul#	99
65) N-Nitrosodiphenylamine	15.93	169	949875	80.446 ng/ul	97
66) 4-Bromophenyl-phenylether	16.62	248	441335	94.669 ng/ul	98
67) Hexachlorobenzene	16.75	284	456244	98.055 ng/ul	96
68) Atrazine	16.89	200	405951	83.356 ng/ul	99
69) Pentachlorophenol	17.09	266	289718	102.699 ng/ul	96
70) Phenanthrene	17.48	178	1647720	75.230 ng/ul	93
72) Anthracene	17.57	178	1629092	73.913 ng/ul#	91
73) 1,2,3,4-Tetrachlorobenzene	13.48	216	531053	82.461 ng/uL	97
74) Pentachlorobenzene	15.01	250	544798	97.175 ng/uL	100
75) Carbazole	17.84	167	1493719	80.620 ng/ul	95
76) Di-n-butylphthalate	18.39	149	1651691	68.229 ng/ul#	95
77) Fluoranthene	19.48	202	1963617	77.319 ng/ul#	96
80) Pyrene	19.85	202	1852834	74.228 ng/ul#	95
81) Butylbenzylphthalate	20.73	149	805529	79.275 ng/ul	95
82) 3,3'-Dichlorobenzidine	21.61	252	786594	92.688 ng/ul	97
83) Benzo(a)anthracene	21.70	228	1986808	76.323 ng/ul#	90
84) Bis(2-ethylhexyl)phthalate	21.60	149	1082167	74.705 ng/ul	96
85) Chrysene	21.77	228	1863106	78.031 ng/ul#	90
87) Di-n-octyl phthalate	22.83	149	1859334	66.561 ng/ul	100
88) Benzo(b)fluoranthene	23.95	252	2245746	76.303 ng/ul	96
89) Benzo(k)fluoranthene	24.02	252	2078181	73.238 ng/ul	93
91) Benzo(a)pyrene	24.84	252	2131782	76.548 ng/ul	95
92) Indeno(1,2,3-cd)pyrene	28.73	276	2702880	81.509 ng/ul	95
93) Dibenzo(a,h)anthracene	28.80	278	2197583	81.732 ng/ul	97
94) Benzo(g,h,i)perylene	29.91	276	2259729	82.635 ng/ul	96

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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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