Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028548.D
Acq On : 30 Aug 2017 10:46
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02094

Manual Integrations APPROVED
Sohil
8/31/2017 7:17:40 PM

Quant Time: Aug 31 01:24:26 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 30 01:19:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	37220	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	146858	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	102066	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	264365m	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	318790	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	311703	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.82	96	6276	7.85	ng/uL	0.00
5) Phenol-d5	7.49	99	66447	16.25	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.66	67	41767	16.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	50800	19.70	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	55310	16.19	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	25289	22.02	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	29806	23.67	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.78	165	57096	21.92	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.29	131	65572	22.61	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	184701	20.35	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	210298	20.55	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	26354	18.26	ng/ul	0.00
57) Fluorene-d10	15.94	176	162268	19.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	34045	19.82	ng/ul	0.00
70) Anthracene-d10	17.80	188	266722	21.04	ng/ul	0.00
76) Pyrene-d10	20.08	212	310013	18.96	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.31	264	293138	20.09	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.85	88	7139	8.504	ng/uL#	86
4) Benzaldehyde	7.49	77	43787	18.535	ng/ul	88
6) Phenol	7.52	94	68569	16.878	ng/ul#	87
8) Bis(2-Chloroethyl)ether	7.75	93	48309	17.457	ng/ul	99
10) 2-Chlorophenol	7.91	128	47036	18.717	ng/ul	90
11) 2-Methylphenol	8.77	108	46597	16.250	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.86	45	96464	14.360	ng/ul	96
14) Acetophenone	9.16	105	80503	16.522	ng/ul	86
15) N-Nitroso-di-n-propylamine	9.14	70	45949	16.593	ng/ul	88
16) 4-Methylphenol	9.10	108	52429	16.192	ng/ul	100
17) Hexachloroethane	9.42	117	20433	19.622	ng/ul	97
20) Nitrobenzene	9.55	77	68882	20.721	ng/ul	96
21) Isophorone	10.07	82	124532	19.718	ng/ul#	96
23) 2-Nitrophenol	10.26	139	28257	22.230	ng/ul#	82
24) 2,4-Dimethylphenol	10.31	107	64449	20.399	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.54	93	68405	19.884	ng/ul#	94
27) 2,4-Dichlorophenol	10.80	162	51864	21.870	ng/ul	94
28) Naphthalene	11.21	128	151996	20.897	ng/ul	96
30) 4-Chloroaniline	11.32	127	59542	21.183	ng/ul	99
31) Hexachlorobutadiene	11.48	225	39893	22.790	ng/ul	89
32) Caprolactam	12.07	113	19634	19.910	ng/ul#	63
33) 4-Chloro-3-methylphenol	12.42	107	60891	20.116	ng/ul	97
34) 2-Methylnaphthalene	12.79	142	113345	19.401	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.15	216	74822	22.743 ng/ul#	88
37) Hexachlorocyclopentadiene	13.13	237	22189	12.223 ng/ul#	99
38) 2,4,6-Trichlorophenol	13.39	196	48702	23.752 ng/ul	98
39) 2,4,5-Trichlorophenol	13.47	196	50057	22.397 ng/ul	90
40) 1,1'-Biphenyl	13.78	154	153493	20.591 ng/ul	96
41) 2-Chloronaphthalene	13.83	162	118564	20.127 ng/ul	98
42) 2-Nitroaniline	14.04	65	50711	20.532 ng/ul	92
44) Dimethylphthalate	14.39	163	166739	19.948 ng/ul	98
45) 2,6-Dinitrotoluene	14.52	165	36473	21.134 ng/ul#	96
47) Acenaphthylene	14.68	152	199243	20.370 ng/ul	98
48) 3-Nitroaniline	14.85	138	34884	22.448 ng/ul#	97
49) Acenaphthene	15.02	153	131228	19.884 ng/ul	94
50) 2,4-Dinitrophenol	15.08	184	14672	15.089 ng/ul#	83
52) 4-Nitrophenol	15.16	109	26505	17.722 ng/ul#	77
53) Dibenzofuran	15.35	168	196664	20.438 ng/ul	98
54) 2,4-Dinitrotoluene	15.31	165	55255	21.127 ng/ul#	94
55) 2,3,4,6-Tetrachlorophenol	15.58	232	47051	22.604 ng/ul	94
56) Diethylphthalate	15.74	149	185490	18.916 ng/ul	99
58) Fluorene	16.00	166	169946	19.949 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.98	204	91705	20.064 ng/ul	88
60) 4-Nitroaniline	16.02	138	37924	20.570 ng/ul	86
63) 4,6-Dinitro-2-methylphenol	16.08	198	34421m	19.767 ng/ul	
64) N-Nitrosodiphenylamine	16.19	169	146215	21.023 ng/ul	96
65) 4-Bromophenyl-phenylether	16.87	248	63689	22.415 ng/ul	97
66) Hexachlorobenzene	17.01	284	69744	23.057 ng/ul	96
67) Atrazine	17.13	200	69016	22.761 ng/ul	95
68) Pentachlorophenol	17.36	266	28062	18.316 ng/ul	92
69) Phenanthrene	17.74	178	275686m	20.722 ng/ul	
71) Anthracene	17.84	178	282855	20.802 ng/ul	99
72) Carbazole	18.11	167	248089	20.979 ng/ul	98
73) Di-n-butylphthalate	18.63	149	312871	21.253 ng/ul	98
74) Fluoranthene	19.74	202	355275	21.973 ng/ul	99
77) Pyrene	20.11	202	367081	19.300 ng/ul	99
78) Butylbenzylphthalate	20.97	149	145594	20.434 ng/ul	90
79) 3,3'-Dichlorobenzidine	21.92	252	136063	22.122 ng/ul	94
80) Benzo(a)anthracene	22.02	228	376939	20.464 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.87	149	207258	20.453 ng/ul	98
82) Chrysene	22.09	228	336094	20.260 ng/ul	99
84) Di-n-octyl phthalate	23.17	149	354623	18.984 ng/ul	100
85) Benzo(b)fluoranthene	24.42	252	373104	20.003 ng/ul	99
86) Benzo(k)fluoranthene	24.49	252	355976	19.538 ng/ul	98
88) Benzo(a)pyrene	25.38	252	358950	19.875 ng/ul	97
89) Indeno(1,2,3-cd)pyrene	29.59	276	428509	20.261 ng/ul	98
90) Dibenzo(a,h)anthracene	29.64	278	360011	20.309 ng/ul	93
91) Benzo(g,h,i)perylene	30.85	276	356454	20.487 ng/ul	96

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

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