Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080217\
Data File : BG028103.D
Acq On : 2 Aug 2017 11:22
Operator : SJ/JU
Sample : SSTD01087
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD01087

Manual Integrations APPROVED
Sohil
8/3/2017 8:28:10 PM

Quant Time: Aug 02 13:41:48 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 02 13:32:47 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	27776	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	123817	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.97	164	95609	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.72	188	266032m	20.00	ng/ul	0.00
75) Chrysene-d12	22.05	240	288178	20.00	ng/ul	0.00
83) Perylene-d12	25.56	264	273515	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	2593	5.15	ng/uL	0.00
5) Phenol-d5	7.51	99	26762	11.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.68	67	18093	13.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.90	132	17428	9.72	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	22464	11.89	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	9706	10.65	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	10085	9.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	21018	9.80	ng/ul	0.00
29) 4-Chloroaniline-d4	11.32	131	23366	12.05	ng/ul	0.00
43) Dimethylphthalate-d6	14.36	166	83856	10.12	ng/ul	0.00
46) Acenaphthylene-d8	14.67	160	95228	10.11	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	11453	9.54	ng/ul	0.00
57) Fluorene-d10	15.96	176	74266	9.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	13708	7.42	ng/ul	0.00
70) Anthracene-d10	17.82	188	125671	9.80	ng/ul	0.00
76) Pyrene-d10	20.09	212	146661	11.33	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.31	264	119214	9.33	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.89	88	2521	4.125	ng/uL#	67
4) Benzaldehyde	7.51	77	18365	12.974	ng/ul	100
6) Phenol	7.54	94	27083	12.227	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.77	93	19709	12.345	ng/ul	92
10) 2-Chlorophenol	7.93	128	17027	10.213	ng/ul	98
11) 2-Methylphenol	8.79	108	18372	11.295	ng/ul	87
12) 2,2'-oxybis(1-Chloropropan	8.89	45	48628	16.152	ng/ul#	92
14) Acetophenone	9.19	105	33040	12.404	ng/ul	93
15) N-Nitroso-di-n-propylamine	9.15	70	18877	13.822	ng/ul#	95
16) 4-Methylphenol	9.12	108	21232	11.912	ng/ul	95
17) Hexachloroethane	9.45	117	7397	11.018	ng/ul#	80
20) Nitrobenzene	9.57	77	27730	13.166	ng/ul	94
21) Isophorone	10.09	82	51997	13.554	ng/ul	96
23) 2-Nitrophenol	10.29	139	9593	9.094	ng/ul#	87
24) 2,4-Dimethylphenol	10.33	107	25866	11.718	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.57	93	28833	12.528	ng/ul#	89
27) 2,4-Dichlorophenol	10.82	162	20084	9.673	ng/ul	96
28) Naphthalene	11.24	128	60339	10.284	ng/ul	97
30) 4-Chloroaniline	11.34	127	23166	12.912	ng/ul	89
31) Hexachlorobutadiene	11.51	225	14819	8.923	ng/ul	92
32) Caprolactam	12.09	113	8268	13.383	ng/ul	97
33) 4-Chloro-3-methylphenol	12.44	107	24723	12.489	ng/ul	93
34) 2-Methylnaphthalene	12.81	142	48474	10.217	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.18	216	29567	8.222	ng/ul	90
37) Hexachlorocyclopentadiene	13.15	237	12563	5.904	ng/ul	90
38) 2,4,6-Trichlorophenol	13.41	196	17534	8.083	ng/ul	85
39) 2,4,5-Trichlorophenol	13.49	196	19335	8.294	ng/ul	84
40) 1,1'-Biphenyl	13.80	154	68684	9.401	ng/ul	90
41) 2-Chloronaphthalene	13.85	162	54137	9.373	ng/ul	97
42) 2-Nitroaniline	14.05	65	21105	12.786	ng/ul#	90
44) Dimethylphthalate	14.40	163	78082	10.345	ng/ul#	99
45) 2,6-Dinitrotoluene	14.53	165	14977	9.810	ng/ul	94
47) Acenaphthylene	14.70	152	90500	9.778	ng/ul	97
48) 3-Nitroaniline	14.87	138	13239	9.976	ng/ul#	93
49) Acenaphthene	15.03	153	60337	9.635	ng/ul	97
50) 2,4-Dinitrophenol	15.08	184	5724	6.509	ng/ul#	73
52) 4-Nitrophenol	15.17	109	12318	12.737	ng/ul#	78
53) Dibenzofuran	15.36	168	89090	9.622	ng/ul	98
54) 2,4-Dinitrotoluene	15.32	165	23577	10.594	ng/ul#	86
55) 2,3,4,6-Tetrachlorophenol	15.59	232	17666	7.953	ng/ul#	92
56) Diethylphthalate	15.76	149	92838	11.796	ng/ul	96
58) Fluorene	16.01	166	78474	9.859	ng/ul	98
59) 4-Chlorophenyl-phenylether	16.00	204	41657	9.438	ng/ul#	86
60) 4-Nitroaniline	16.03	138	16829	10.686	ng/ul	86
63) 4,6-Dinitro-2-methylphenol	16.08	198	14430m	8.168	ng/ul	
64) N-Nitrosodiphenylamine	16.21	169	66850	9.323	ng/ul	91
65) 4-Bromophenyl-phenylether	16.90	248	26578	8.198	ng/ul	84
66) Hexachlorobenzene	17.02	284	28432	8.341	ng/ul	96
67) Atrazine	17.15	200	29261	9.275	ng/ul	96
68) Pentachlorophenol	17.37	266	10485	5.662	ng/ul	91
69) Phenanthrene	17.76	178	130244m	9.552	ng/ul	
71) Anthracene	17.85	178	135393	9.688	ng/ul	97
72) Carbazole	18.12	167	118655	10.297	ng/ul	96
73) Di-n-butylphthalate	18.65	149	142196	11.254	ng/ul	98
74) Fluoranthene	19.76	202	161891m	9.700	ng/ul	
77) Pyrene	20.12	202	174524	11.431	ng/ul	97
78) Butylbenzylphthalate	20.99	149	63641	13.002	ng/ul	92
79) 3,3'-Dichlorobenzidine	21.94	252	50677	10.816	ng/ul#	97
80) Benzo(a)anthracene	22.03	228	166962	10.710	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.89	149	85512	12.260	ng/ul	96
82) Chrysene	22.10	228	149361	10.527	ng/ul	98
84) Di-n-octyl phthalate	23.20	149	146813	11.573	ng/ul	100
85) Benzo(b)fluoranthene	24.44	252	155350	9.953	ng/ul#	98
86) Benzo(k)fluoranthene	24.51	252	149461	9.762	ng/ul#	96
88) Benzo(a)pyrene	25.40	252	149475	9.911	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	29.58	276	174362	10.195	ng/ul#	93
90) Dibenzo(a,h)anthracene	29.65	278	144801	10.086	ng/ul#	94
91) Benzo(g,h,i)perylene	30.86	276	145959	10.344	ng/ul#	92

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

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