Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG121916\
Data File : BG025318.D
Acq On : 19 Dec 2016 14:56
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02023

Manual Integrations APPROVED
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12/20/2016 6:29:45 PM

Quant Time: Dec 20 02:23:09 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 01:37:17 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	88937	20.00	ng/ul	0.00
18) Naphthalene-d8	11.05	136	386999	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.85	164	313394	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.59	188	740560	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	957733	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	994823	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.57	96	14026	8.15	ng/uL	0.00
5) Phenol-d5	7.38	99	162784	21.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.54	67	101496	21.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.75	132	113438	21.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	135350	21.11	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	58844	21.47	ng/ul	0.00
22) 2-Nitrophenol-d4	10.13	143	69752	20.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.67	165	144064	21.93	ng/ul	0.00
29) 4-Chloroaniline-d4	11.19	131	158799	24.59	ng/ul	0.00
43) Dimethylphthalate-d6	14.24	166	464017	21.53	ng/ul	0.00
46) Acenaphthylene-d8	14.55	160	520251	22.03	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	67418	18.20	ng/ul	0.00
57) Fluorene-d10	15.83	176	438348	21.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	83348	18.20	ng/ul	0.00
70) Anthracene-d10	17.69	188	645794	20.66	ng/ul	0.00
76) Pyrene-d10	19.96	212	818113	20.74	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	888641	22.05	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.61	88	14932	6.66	ng/uL	90
4) Benzaldehyde	7.36	77	125962	21.81	ng/ul	89
6) Phenol	7.41	94	168862	21.44	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.63	93	120928	20.98	ng/ul	95
10) 2-Chlorophenol	7.78	128	113648	21.07	ng/ul	97
11) 2-Methylphenol	8.67	108	124259	21.43	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.75	45	215763	22.02	ng/ul	99
14) Acetophenone	9.05	105	208828	21.40	ng/ul	96
15) N-Nitroso-di-n-propylamine	9.02	70	126350	22.42	ng/ul	86
16) 4-Methylphenol	9.00	108	132205	20.49	ng/ul	92
17) Hexachloroethane	9.31	117	53004	22.18	ng/ul	92
20) Nitrobenzene	9.45	77	189256	22.47	ng/ul	98
21) Isophorone	9.96	82	346335	21.73	ng/ul	98
23) 2-Nitrophenol	10.16	139	72580	20.94	ng/ul	94
24) 2,4-Dimethylphenol	10.21	107	174321	22.00	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.43	93	176496	21.73	ng/ul	94
27) 2,4-Dichlorophenol	10.70	162	138450	21.70	ng/ul	94
28) Naphthalene	11.10	128	369632	20.55	ng/ul	96
30) 4-Chloroaniline	11.22	127	157685	23.89	ng/ul	96
31) Hexachlorobutadiene	11.36	225	120902	22.04	ng/ul	90
32) Caprolactam	11.99	113	55858m	21.09	ng/ul	
33) 4-Chloro-3-methylphenol	12.33	107	164602	20.93	ng/ul	96
34) 2-Methylnaphthalene	12.69	142	293948	20.71	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.05	216	220586	23.35	ng/ul	95
37) Hexachlorocyclopentadiene	13.01	237	93074	16.79	ng/ul	98
38) 2,4,6-Trichlorophenol	13.30	196	130492	21.99	ng/ul#	77
39) 2,4,5-Trichlorophenol	13.38	196	140790	21.65	ng/ul	96
40) 1,1'-Biphenyl	13.68	154	421338	22.18	ng/ul	98
41) 2-Chloronaphthalene	13.74	162	330522	21.85	ng/ul	96
42) 2-Nitroaniline	13.95	65	135681	22.92	ng/ul	99
44) Dimethylphthalate	14.29	163	453396	21.40	ng/ul	97
45) 2,6-Dinitrotoluene	14.43	165	93354	20.51	ng/ul#	81
47) Acenaphthylene	14.58	152	495826	21.60	ng/ul	98
48) 3-Nitroaniline	14.77	138	87674	22.24	ng/ul#	75
49) Acenaphthene	14.91	153	350883	22.31	ng/ul	98
50) 2,4-Dinitrophenol	14.99	184	42150	14.25	ng/ul#	87
52) 4-Nitrophenol	15.09	109	84204	18.90	ng/ul	96
53) Dibenzofuran	15.25	168	545544	21.93	ng/ul	95
54) 2,4-Dinitrotoluene	15.22	165	143010	20.85	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	15.47	232	147940	21.53	ng/ul	93
56) Diethylphthalate	15.63	149	474835	21.17	ng/ul	97
58) Fluorene	15.89	166	433379	21.40	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.87	204	245207	21.50	ng/ul	89
60) 4-Nitroaniline	15.93	138	88529	18.62	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.99	198	90160	19.01	ng/ul#	94
64) N-Nitrosodiphenylamine	16.09	169	392647	20.61	ng/ul	99
65) 4-Bromophenyl-phenylether	16.77	248	183833	21.98	ng/ul	97
66) Hexachlorobenzene	16.89	284	205412	21.81	ng/ul	96
67) Atrazine	17.03	200	190751	21.06	ng/ul	97
68) Pentachlorophenol	17.24	266	104909	18.55	ng/ul	96
69) Phenanthrene	17.64	178	743298	21.03	ng/ul	99
71) Anthracene	17.73	178	765545	21.07	ng/ul	99
72) Carbazole	18.00	167	671067	22.13	ng/ul	98
73) Di-n-butylphthalate	18.51	149	833427	21.77	ng/ul	99
74) Fluoranthene	19.63	202	967376	23.03	ng/ul#	96
77) Pyrene	19.99	202	966619	21.00	ng/ul	98
78) Butylbenzylphthalate	20.85	149	391848	21.74	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.77	252	348627	20.88	ng/ul#	91
80) Benzo(a)anthracene	21.87	228	1055715	21.22	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.70	149	550343	22.18	ng/ul	99
82) Chrysene	21.93	228	985859	21.18	ng/ul	99
84) Di-n-octyl phthalate	22.97	149	938563	23.24	ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	1055161	21.39	ng/ul	100
86) Benzo(k)fluoranthene	24.28	252	1010048	21.54	ng/ul	97
88) Benzo(a)pyrene	25.14	252	1008500	21.26	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	29.25	276	1277222m	21.67	ng/ul	
90) Dibenzo(a,h)anthracene	29.29	278	1066323m	21.47	ng/ul	
91) Benzo(g,h,i)perylene	30.49	276	1047330m	21.29	ng/ul	

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

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