Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025312.D
Acq On : 18 Dec 2016 15:50
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02020

Manual Integrations APPROVED
umangi
12/20/2016 10:56:10 AM

Quant Time: Dec 19 07:13:51 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 19 04:41:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	105026	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	427612	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	345299	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	746847	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	931680	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	941807	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.58	96	12257	6.03	ng/uL	0.00
5) Phenol-d5	7.39	99	186015	20.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	111398	19.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	136437	21.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	148751	19.64	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	65708	21.70	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	83808	22.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	161383	22.23	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	177048	24.81	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	478955	20.17	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	551491	21.20	ng/ul	0.00
51) 4-Nitrophenol-d4	15.08	143	77802	19.06	ng/ul	0.00
57) Fluorene-d10	15.84	176	452130	20.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	89345	19.35	ng/ul	0.00
70) Anthracene-d10	17.70	188	678399	21.52	ng/ul	0.00
76) Pyrene-d10	19.97	212	817087	21.29	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	842967	22.09	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.62	88	15988	6.04	ng/uL#	89
4) Benzaldehyde	7.37	77	140473	20.59	ng/ul	97
6) Phenol	7.42	94	188408	20.26	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.64	93	132131	19.42	ng/ul	98
10) 2-Chlorophenol	7.79	128	132693	20.83	ng/ul	90
11) 2-Methylphenol	8.68	108	140007	20.45	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.76	45	237443	20.52	ng/ul	99
14) Acetophenone	9.06	105	220746	19.16	ng/ul	94
15) N-Nitroso-di-n-propylamine	9.03	70	130886	19.67	ng/ul#	85
16) 4-Methylphenol	9.01	108	149634	19.64	ng/ul	93
17) Hexachloroethane	9.31	117	60185	21.33	ng/ul	96
20) Nitrobenzene	9.46	77	198363	21.32	ng/ul	96
21) Isophorone	9.97	82	350233	19.89	ng/ul	97
23) 2-Nitrophenol	10.17	139	82853	21.64	ng/ul	93
24) 2,4-Dimethylphenol	10.21	107	186290	21.27	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.44	93	185033	20.62	ng/ul	96
27) 2,4-Dichlorophenol	10.71	162	154630	21.94	ng/ul	97
28) Naphthalene	11.11	128	413788	20.82	ng/ul	97
30) 4-Chloroaniline	11.23	127	181396	24.87	ng/ul#	86
31) Hexachlorobutadiene	11.37	225	127298	21.01	ng/ul	91
32) Caprolactam	12.00	113	54630m	18.66	ng/ul	
33) 4-Chloro-3-methylphenol	12.34	107	181667	20.91	ng/ul	100
34) 2-Methylnaphthalene	12.70	142	322560	20.56	ng/ul	99

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36) 1,2,4,5-Tetrachlorobenzene	13.06	216	229685	22.07	ng/ul	97
37) Hexachlorocyclopentadiene	13.02	237	70076	11.47	ng/ul	96
38) 2,4,6-Trichlorophenol	13.30	196	148312	22.69	ng/ul	98
39) 2,4,5-Trichlorophenol	13.39	196	151210	21.10	ng/ul	99
40) 1,1'-Biphenyl	13.69	154	448876	21.44	ng/ul	98
41) 2-Chloronaphthalene	13.74	162	358026	21.48	ng/ul	96
42) 2-Nitroaniline	13.96	65	148731	22.80	ng/ul	95
44) Dimethylphthalate	14.29	163	466015	19.96	ng/ul	97
45) 2,6-Dinitrotoluene	14.44	165	101920	20.32	ng/ul	94
47) Acenaphthylene	14.58	152	537060	21.23	ng/ul	98
48) 3-Nitroaniline	14.78	138	98741	22.73	ng/ul#	92
49) Acenaphthene	14.92	153	369695	21.34	ng/ul	98
50) 2,4-Dinitrophenol	15.00	184	25984	7.97	ng/ul	91
52) 4-Nitrophenol	15.10	109	101969	20.77	ng/ul	95
53) Dibenzofuran	15.25	168	562976	20.54	ng/ul	100
54) 2,4-Dinitrotoluene	15.23	165	150060	19.85	ng/ul#	97
55) 2,3,4,6-Tetrachlorophenol	15.48	232	161538	21.34	ng/ul	94
56) Diethylphthalate	15.64	149	478795	19.37	ng/ul	98
58) Fluorene	15.90	166	450915	20.21	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.88	204	255704	20.35	ng/ul	88
60) 4-Nitroaniline	15.94	138	92618	17.68	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	16.00	198	87615	18.32	ng/ul	96
64) N-Nitrosodiphenylamine	16.09	169	421849	21.96	ng/ul	97
65) 4-Bromophenyl-phenylether	16.77	248	187052	22.17	ng/ul	91
66) Hexachlorobenzene	16.90	284	209679	22.08	ng/ul	95
67) Atrazine	17.04	200	184084	20.15	ng/ul	98
68) Pentachlorophenol	17.25	266	107000	18.76	ng/ul	94
69) Phenanthrene	17.64	178	757317	21.25	ng/ul	98
71) Anthracene	17.73	178	781849	21.33	ng/ul	98
72) Carbazole	18.01	167	671783	21.97	ng/ul	97
73) Di-n-butylphthalate	18.52	149	815845	21.13	ng/ul	99
74) Fluoranthene	19.64	202	955284	22.55	ng/ul	97
77) Pyrene	20.00	202	959708	21.43	ng/ul#	96
78) Butylbenzylphthalate	20.85	149	381801	21.77	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.78	252	406894	25.05	ng/ul	97
80) Benzo(a)anthracene	21.87	228	1049551	21.68	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.71	149	528560	21.90	ng/ul	100
82) Chrysene	21.95	228	988713	21.84	ng/ul	99
84) Di-n-octyl phthalate	22.98	149	900714	23.56	ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	1005379	21.53	ng/ul	98
86) Benzo(k)fluoranthene	24.29	252	980605	22.09	ng/ul	99
88) Benzo(a)pyrene	25.16	252	973278	21.68	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.27	276	1128445m	20.22	ng/ul	
90) Dibenzo(a,h)anthracene	29.31	278	928733m	19.75	ng/ul	
91) Benzo(g,h,i)perylene	30.50	276	899415m	19.31	ng/ul	

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

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