Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025634.D
Acq On : 25 Jan 2017 14:50
Operator : SJ/MA
Sample : I1320-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X2813

Quant Time: Jan 25 18:14:21 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 25 18:08:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	54819	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	252685	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	223518	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	502815	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	614773	20.00	ng/ul	0.00
83) Perylene-d12	25.24	264	619043	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	6244	5.70	ng/uL	0.00
5) Phenol-d5	7.34	99	161868	34.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	104137	34.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	113272	34.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.90	113	135963	34.04	ng/ul	0.00
19) Nitrobenzene-d5	9.36	128	62245	34.75	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	71563	33.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.63	165	153070	36.31	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	165790	35.18	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	589048	37.32	ng/ul	0.00
46) Acenaphthylene-d8	14.51	160	629952	36.95	ng/ul	0.00
51) 4-Nitrophenol-d4	15.04	143	84638	39.13	ng/ul	0.00
57) Fluorene-d10	15.80	176	533997	35.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.94	200	109861	35.42	ng/ul	0.00
70) Anthracene-d10	17.65	188	831726	38.85	ng/ul	0.00
76) Pyrene-d10	19.93	212	1043897	40.81	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	1057400	40.64	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	30395	23.49	ng/uL#	85
4) Benzaldehyde	7.32	77	168234	52.00	ng/ul	97
6) Phenol	7.36	94	230282	46.65	ng/ul	96
10) 2-Chlorophenol	7.74	128	100393	30.59	ng/ul#	84
15) N-Nitroso-di-n-propylamine	8.97	70	134034	35.90	ng/ul	94
20) Nitrobenzene	9.40	77	153387	26.75	ng/ul	95
23) 2-Nitrophenol	10.11	139	67203	30.79	ng/ul#	82
27) 2,4-Dichlorophenol	10.66	162	133735	32.66	ng/ul	98
28) Naphthalene	11.05	128	262685	22.52	ng/ul	96
31) Hexachlorobutadiene	11.31	225	111127	31.07	ng/ul	90
33) 4-Chloro-3-methylphenol	12.29	107	287795	57.87	ng/ul	96
36) 1,2,4,5-Tetrachlorobenzene	13.01	216	177533	26.38	ng/ul	94
38) 2,4,6-Trichlorophenol	13.25	196	202517	49.70	ng/ul	93
40) 1,1'-Biphenyl	13.64	154	459204	33.16	ng/ul	99
41) 2-Chloronaphthalene	13.70	162	228099	21.22	ng/ul	97
44) Dimethylphthalate	14.25	163	407536	26.26	ng/ul	99
45) 2,6-Dinitrotoluene	14.40	165	98630	30.87	ng/ul	94
49) Acenaphthene	14.87	153	336517	28.46	ng/ul	99
52) 4-Nitrophenol	15.06	109	101929	34.02	ng/ul	93
53) Dibenzofuran	15.21	168	425267	23.40	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.44	232	136188	30.12	ng/ul#	90
59) 4-Chlorophenyl-phenylether	15.83	204	170045	20.31	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.95	198	180706	56.52	ng/ul#	95

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66) Hexachlorobenzene	16.85	284	171787	25.90	ng/ul	99
68) Pentachlorophenol	17.21	266	151977	55.09	ng/ul	96
69) Phenanthrene	17.60	178	604411	24.73	ng/ul	97
71) Anthracene	17.69	178	715307	29.11	ng/ul	97
72) Carbazole	17.96	167	605101	29.69	ng/ul	97
73) Di-n-butylphthalate	18.48	149	653029	24.79	ng/ul	98
74) Fluoranthene	19.60	202	1617714	56.08	ng/ul#	97
77) Pyrene	19.96	202	1153912	38.17	ng/ul	99
78) Butylbenzylphthalate	20.81	149	284625	24.21	ng/ul	98
80) Benzo(a)anthracene	21.82	228	1480153	45.56	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.67	149	502969	30.65	ng/ul	97
82) Chrysene	21.89	228	1031844	33.77	ng/ul	97
85) Benzo(b)fluoranthene	24.15	252	1091961	34.08	ng/ul#	99
88) Benzo(a)pyrene	25.07	252	999821	32.99	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	29.15	276	1371060	35.72	ng/ul	96
90) Dibenzo(a,h)anthracene	29.19	278	893299	27.94	ng/ul	92

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

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