Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080816\
Data File : BG023538.D
Acq On : 8 Aug 2016 17:33
Operator : UM/SJ
Sample : H4338-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 09 05:03:42 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 09 02:15:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	116953	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	561152	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	406022	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	1007003	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	1018881	20.00	ng/ul	0.00
83) Perylene-d12	25.22	264	965994	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	9350	3.40	ng/uL	0.00
5) Phenol-d5	7.27	99	445965	37.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	288958	38.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	302712	37.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	348079	37.84	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	167702	37.91	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	193852	38.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	366048	38.20	ng/ul	0.00
29) 4-Chloroaniline-d4	11.08	131	290232	25.82	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	1258944	37.87	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	1430777	38.24	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	233017	41.06	ng/ul	0.00
57) Fluorene-d10	15.77	176	1132915	36.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	243259	37.65	ng/ul	0.00
70) Anthracene-d10	17.64	188	1727427	38.07	ng/ul	0.00
76) Pyrene-d10	19.93	212	1887056	36.59	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	1780957	40.73	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	7.25	77	25099	3.50	ng/ul	86
10) 2-Chlorophenol	7.68	128	344887	42.13	ng/ul#	83
12) 2,2'-oxybis(1-Chloropropan	8.64	45	790888	64.89	ng/ul	97
14) Acetophenone	8.95	105	636892	43.17	ng/ul#	80
17) Hexachloroethane	9.20	117	71503	20.24	ng/ul#	91
20) Nitrobenzene	9.33	77	802699	61.91	ng/ul#	85
23) 2-Nitrophenol	10.05	139	282922	51.58	ng/ul#	68
27) 2,4-Dichlorophenol	10.59	162	254421	26.33	ng/ul	97
28) Naphthalene	11.00	128	514093	18.05	ng/ul	96
30) 4-Chloroaniline	11.11	127	18202	1.63	ng/ul	92
33) 4-Chloro-3-methylphenol	12.23	107	633025	50.90	ng/ul	85
36) 1,2,4,5-Tetrachlorobenzene	12.97	216	281541	22.59	ng/ul	97
38) 2,4,6-Trichlorophenol	13.21	196	298639	34.59	ng/ul	98
40) 1,1'-Biphenyl	13.60	154	1308649	43.86	ng/ul	96
42) 2-Nitroaniline	13.86	65	664579	70.15	ng/ul#	66
45) 2,6-Dinitrotoluene	14.35	165	319924	44.83	ng/ul#	84
47) Acenaphthylene	14.50	152	2000600	51.13	ng/ul	95
49) Acenaphthene	14.84	153	139840	5.24	ng/ul	95
52) 4-Nitrophenol	15.00	109	387062	68.10	ng/ul#	74
53) Dibenzofuran	15.18	168	883007	22.35	ng/ul	90
54) 2,4-Dinitrotoluene	15.14	165	575718	53.24	ng/ul#	68
56) Diethylphthalate	15.59	149	1671617	48.58	ng/ul#	92
58) Fluorene	15.83	166	313599	9.53	ng/ul	94

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64) N-Nitrosodiphenylamine	16.04	169	1550675	55.10	ng/ul	98
66) Hexachlorobenzene	16.84	284	556304	45.22	ng/ul	97
68) Pentachlorophenol	17.19	266	336171	49.53	ng/ul	89
69) Phenanthrene	17.58	178	1839392	35.27	ng/ul	94
73) Di-n-butylphthalate	18.49	149	2296201	42.75	ng/ul#	90
77) Pyrene	19.96	202	1157118	18.37	ng/ul#	91
79) 3,3'-Dichlorobenzidine	21.75	252	198987	11.08	ng/ul#	97
80) Benzo(a)anthracene	21.83	228	2402613	41.87	ng/ul#	92
84) Di-n-octyl phthalate	22.97	149	1784302	36.57	ng/ul	100
85) Benzo(b)fluoranthene	24.15	252	2033040	37.00	ng/ul#	94
88) Benzo(a)pyrene	25.07	252	1225495	23.10	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	29.16	276	675586m	10.84	ng/ul	
90) Dibenzo(a,h)anthracene	29.16	278	2786763	52.42	ng/ul#	90
91) Benzo(g,h,i)perylene	30.30	276	1463160	28.31	ng/ul#	87

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

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