Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032116\
Data File : BG021452.D
Acq On : 21 Mar 2016 20:25
Operator : UM/SJ
Sample : H1835-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4T15

Manual Integrations APPROVED
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3/22/2016 5:37:45 PM

Quant Time: Mar 22 13:22:09 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 22 01:42:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	10008	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	45449	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	28852	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	71097	20.00	ng/ul	0.00
78) Chrysene-d12	21.68	240	85348	20.00	ng/ul	0.00
86) Perylene-d12	24.90	264	81915	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	1218	5.46	ng/uL	0.00
5) Phenol-d5	7.33	99	32034	33.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	18875	33.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	25844	35.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	27923	34.46	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	13651	40.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	14908	38.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	28467	40.86	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	13962	15.33	ng/ul	0.00
44) Dimethylphthalate-d6	14.09	166	93240	38.81	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	114429	38.64	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	14674	38.21	ng/ul	-0.01
58) Fluorene-d10	15.68	176	81548	37.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	16089	34.25	ng/ul	0.00
71) Anthracene-d10	17.53	188	133806	38.41	ng/ul	0.00
79) Pyrene-d10	19.80	212	155478	39.07	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.68	264	163518	43.25	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	7.22	77	1648	2.86	ng/ul#	75
10) 2-Chlorophenol	7.67	128	29966	40.58	ng/ul	90
12) 2,2'-oxybis(1-Chloropropan	8.60	45	46082	52.76	ng/ul#	90
14) Acetophenone	8.90	105	50996	38.57	ng/ul#	86
17) Hexachloroethane	9.16	117	5996	19.35	ng/ul	92
20) Nitrobenzene	9.29	77	62455	64.85	ng/ul	95
23) 2-Nitrophenol	10.00	139	22948	53.34	ng/ul	91
27) 2,4-Dichlorophenol	10.59	162	19745	27.29	ng/ul	95
28) Naphthalene	10.93	128	43114	17.89	ng/ul	97
33) 4-Chloro-3-methylphenol	12.23	107	47687	53.97	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.89	216	21583	21.37	ng/ul	94
39) 2,4,6-Trichlorophenol	13.15	196	23003	38.74	ng/ul	97
41) 1,1'-Biphenyl	13.53	154	100694	42.66	ng/ul	97
43) 2-Nitroaniline	13.79	65	36439	56.60	ng/ul#	84
46) 2,6-Dinitrotoluene	14.27	165	23339	45.82	ng/ul	85
48) Acenaphthylene	14.41	152	164538	56.08	ng/ul	98
50) Acenaphthene	14.75	153	9530	4.71	ng/ul	97
53) 4-Nitrophenol	15.07	109	28830m	72.37	ng/ul	
54) Dibenzofuran	15.08	168	60633	21.39	ng/ul#	79
55) 2,4-Dinitrotoluene	15.05	165	41074	55.00	ng/ul#	94
57) Diethylphthalate	15.49	149	136439	51.15	ng/ul	100
59) Fluorene	15.73	166	21088	8.51	ng/ul	99
65) N-Nitrosodiphenylamine	15.94	169	120055	54.51	ng/ul	98

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67) Hexachlorobenzene	16.73	284	36922	42.15	ng/ul	93
69) Pentachlorophenol	17.10	266	12761	55.09	ng/ul	91
70) Phenanthrene	17.47	178	134976	33.52	ng/ul	98
76) Di-n-butylphthalate	18.37	149	200707	43.89	ng/ul	98
80) Pyrene	19.83	202	87321	17.17	ng/ul#	93
82) 3,3'-Dichlorobenzidine	21.58	252	6987	3.95	ng/ul	91
83) Benzo(a)anthracene	21.66	228	222942	43.27	ng/ul	98
87) Di-n-octyl phthalate	22.75	149	163861	29.47	ng/ul	100
88) Benzo(b)fluoranthene	23.88	252	181425	34.48	ng/ul	97
91) Benzo(a)pyrene	24.75	252	108260	21.19	ng/ul#	97
93) Dibenzo(a,h)anthracene	28.63	278	244668	49.54	ng/ul#	96
94) Benzo(g,h,i)perylene	29.72	276	124625	26.11	ng/ul	98

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

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