Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032416\
Data File : BG021486.D
Acq On : 24 Mar 2016 15:41
Operator : UM/SJ
Sample : H1909-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4T55

Manual Integrations APPROVED
Sohil
3/25/2016 3:01:09 PM

Quant Time: Mar 25 13:24:45 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 25 01:02:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	6818	20.00	ng/ul	0.01
18) Naphthalene-d8	10.87	136	34805	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	22688	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	55881m	20.00	ng/ul	0.00
78) Chrysene-d12	21.67	240	65119	20.00	ng/ul	0.00
86) Perylene-d12	24.88	264	64434	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	376	2.47	ng/uL	0.01
5) Phenol-d5	7.34	99	15928	24.71	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.39	67	10950	28.68	ng/ul	0.01
9) 2-Chlorophenol-d4	7.64	132	13228	27.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	14467	26.20	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	7286	27.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	7015	23.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	13407	25.13	ng/ul	0.01
29) 4-Chloroaniline-d4	11.02	131	3307	4.74	ng/ul	0.01
44) Dimethylphthalate-d6	14.08	166	36680	19.42	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	68500	29.42	ng/ul	0.00
52) 4-Nitrophenol-d4	15.08	143	6388	21.16	ng/ul	0.00
58) Fluorene-d10	15.66	176	52131	30.61	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	4525	12.26	ng/ul	0.00
71) Anthracene-d10	17.51	188	94994	34.69	ng/ul	0.00
79) Pyrene-d10	19.79	212	115588	38.06	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.66	264	120210	40.42	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	7.21	77	17528	44.63	ng/ul	98
10) 2-Chlorophenol	7.67	128	2378	4.73	ng/ul#	89
23) 2-Nitrophenol	9.99	139	10878	33.01	ng/ul	95
28) Naphthalene	10.92	128	13495	7.31	ng/ul	96
31) Hexachlorobutadiene	11.19	225	6724	16.48	ng/ul	93
33) 4-Chloro-3-methylphenol	12.24	107	11967	17.69	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.88	216	5512	6.94	ng/ul#	91
39) 2,4,6-Trichlorophenol	13.15	196	8127	17.41	ng/ul#	91
41) 1,1'-Biphenyl	13.51	154	41751	22.50	ng/ul	94
45) Dimethylphthalate	14.12	163	37809	19.26	ng/ul	98
46) 2,6-Dinitrotoluene	14.26	165	6133	15.31	ng/ul	96
53) 4-Nitrophenol	15.09	109	10135m	32.35	ng/ul	
54) Dibenzofuran	15.08	168	21901	9.82	ng/ul#	78
64) 4,6-Dinitro-2-methylphenol	15.80	198	3582	9.19	ng/ul#	99
67) Hexachlorobenzene	16.72	284	6318	9.18	ng/ul	93
69) Pentachlorophenol	17.09	266	3313	18.20	ng/ul	94
70) Phenanthrene	17.46	178	85802m	27.11	ng/ul	
72) Anthracene	17.55	178	36481	11.33	ng/ul	97
76) Di-n-butylphthalate	18.36	149	49413	13.75	ng/ul	98
77) Fluoranthene	19.46	202	88745m	23.24	ng/ul	
80) Pyrene	19.82	202	92971	23.96	ng/ul#	94
84) Bis(2-ethylhexyl)phthalate	21.53	149	56802	23.70	ng/ul	97
85) Chrysene	21.72	228	77555	20.83	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(a)pyrene	24.73	252	69261	17.24	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	28.52	276	90514	19.82	ng/ul#	94
93) Dibenzo(a,h)anthracene	28.58	278	47116	12.13	ng/ul#	95

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

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