Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101818\
Data File : BG037431.D
Acq On : 18 Oct 2018 22:31
Operator : JU/SJ
Sample : J5164-07
Misc : LOD 1 PPM
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Manual Integrations APPROVED
Sohil
10/19/2018 3:57:50 PM

Quant Time: Oct 19 08:31:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	50238	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	232511	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	153228	20.00	ng		0.00
64) Phenanthrene-d10	17.49	188	385252	20.00	ng		0.00
76) Chrysene-d12	21.77	240	366301	20.00	ng		0.00
87) Perylene-d12	25.11	264	349873	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	413893	137.74	ng		0.00
7) Phenol-d6	7.25	99	600733	132.21	ng		0.00
23) Nitrobenzene-d5	9.29	82	336037	80.96	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	232516	139.13	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	834105	82.09	ng		0.00
79) Terphenyl-d14	20.09	244	1318300	76.90	ng		0.00
Target Compounds							Qvalue
6) Aniline	7.44	93	3347	0.604	ng	#	84
8) 2-Chlorophenol	7.66	128	3692	1.050	ng	#	76
9) Benzaldehyde	7.25	77	3689	1.298	ng	#	77
10) Phenol	7.27	94	5162	1.077	ng	#	54
11) bis(2-Chloroethyl)ether	7.53	93	3529	0.969	ng	#	81
12) 1,3-Dichlorobenzene	7.99	146	3918	1.001	ng		89
13) 1,4-Dichlorobenzene	8.14	146	4340	1.084	ng	#	85
14) 1,2-Dichlorobenzene	8.46	146	3759m	0.976	ng		
15) Benzyl Alcohol	8.35	79	3088	0.920	ng		88
16) 2,2'-oxybis(1-Chloropropan	8.63	45	6541	1.004	ng		85
18) Hexachloroethane	9.19	117	1454	1.065	ng		90
24) Nitrobenzene	9.33	77	4801	1.113	ng	#	92
31) Naphthalene	10.98	128	12739	1.115	ng	#	93
34) Hexachlorobutadiene	11.24	225	2335	0.938	ng		94
37) 2-Methylnaphthalene	12.58	142	9358	1.124	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	4998	1.011	ng		97
46) 1,1'-Biphenyl	13.58	154	12737	1.004	ng		92
47) 2-Chloronaphthalene	13.62	162	10215	1.064	ng		97
48) 2-Nitroaniline	13.83	65	2002	0.688	ng	#	90
49) Acenaphthylene	14.47	152	15708	1.088	ng	#	90
50) Dimethylphthalate	14.19	163	12254	1.034	ng	#	98
51) 2,6-Dinitrotoluene	14.32	165	2108	0.804	ng	#	80
52) Acenaphthene	14.80	154	9784	1.100	ng		90
55) Dibenzofuran	15.14	168	16393	1.112	ng		94
58) Fluorene	15.78	166	13097	1.187	ng	#	98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	2132	0.693	ng	#	76
60) Diethylphthalate	15.54	149	12432	1.022	ng		98
63) Azobenzene	16.07	77	11852	1.021	ng		97
66) n-Nitrosodiphenylamine	15.99	169	10053	0.868	ng		91
67) 4-Bromophenyl-phenylether	16.67	248	3939	0.931	ng		85
68) Hexachlorobenzene	16.78	284	4528	1.033	ng	#	84
69) Atrazine	16.93	200	3955	0.944	ng		79
71) Phenanthrene	17.53	178	22772	1.163	ng		96
72) Anthracene	17.62	178	21590	1.124	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
73) Carbazole	17.89	167	17172	0.893	ng		98
74) Di-n-butylphthalate	18.43	149	18721	0.876	ng		99
75) Fluoranthene	19.53	202	23593	1.062	ng		95
78) Pyrene	19.90	202	24254	1.013	ng		98
80) Butylbenzylphthalate	20.77	149	7316	0.747	ng		93
81) Benzo(a)anthracene	21.75	228	23152	1.069	ng		95
83) Chrysene	21.81	228	22308	1.071	ng		96
84) Bis(2-ethylhexyl)phthalate	21.63	149	9684	0.705	ng	#	94
85) Di-n-octyl phthalate	22.88	149	15522	0.693	ng	#	93
86) Indeno(1,2,3-cd)pyrene	28.93	276	12431	0.556	ng	#	70
88) Benzo(b)fluoranthene	24.03	252	19597	1.022	ng		96
89) Benzo(k)fluoranthene	24.10	252	21239m	1.130	ng		
90) Benzo(a)pyrene	24.94	252	18325	1.005	ng		95
91) Dibenzo(a,h)anthracene	29.02	278	13273m	0.789	ng		
92) Benzo(g,h,i)perylene	30.13	276	6125	0.360	ng	#	94

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

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