Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101918\
Data File : BG037457.D
Acq On : 19 Oct 2018 17:15
Operator : JU/SJ
Sample : J5164-07
Misc : LOD 1PPM
ALS Vial : 13 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
10/22/2018 3:39:20 PM

Quant Time: Oct 20 01:38:01 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	53036	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	246937	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	167280	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	399674	20.00	ng		0.00
76) Chrysene-d12	21.77	240	367511	20.00	ng		0.00
87) Perylene-d12	25.11	264	358742	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	433005	136.50	ng		0.00
7) Phenol-d6	7.25	99	635069	132.39	ng		0.00
23) Nitrobenzene-d5	9.29	82	357705	81.15	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	241063	132.13	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	896321	80.80	ng		0.00
79) Terphenyl-d14	20.09	244	1343062	78.09	ng		0.00
Target Compounds							Qvalue
6) Aniline	7.43	93	3590	0.613	ng	#	77
8) 2-Chlorophenol	7.67	128	3977	1.072	ng		80
9) Benzaldehyde	7.25	77	3909	1.303	ng	#	72
10) Phenol	7.27	94	5448	1.076	ng	#	60
11) bis(2-Chloroethyl)ether	7.52	93	3831	0.997	ng		81
12) 1,3-Dichlorobenzene	7.99	146	3980m	0.963	ng		
13) 1,4-Dichlorobenzene	8.15	146	4631	1.096	ng		91
14) 1,2-Dichlorobenzene	8.46	146	4356m	1.072	ng		
15) Benzyl Alcohol	8.35	79	2995	0.845	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.63	45	6831	0.993	ng		92
18) Hexachloroethane	9.19	117	1476	1.024	ng		92
24) Nitrobenzene	9.33	77	4702	1.027	ng	#	90
31) Naphthalene	10.98	128	13537	1.116	ng	#	93
34) Hexachlorobutadiene	11.24	225	2724	1.031	ng	#	77
37) 2-Methylnaphthalene	12.58	142	9458	1.070	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	5044	0.935	ng	#	97
46) 1,1'-Biphenyl	13.58	154	14820	1.070	ng		96
47) 2-Chloronaphthalene	13.62	162	10810	1.031	ng		90
48) 2-Nitroaniline	13.83	65	2200	0.692	ng		89
49) Acenaphthylene	14.46	152	16741	1.062	ng		99
50) Dimethylphthalate	14.19	163	13666	1.056	ng		99
51) 2,6-Dinitrotoluene	14.31	165	2021	0.706	ng		99
52) Acenaphthene	14.80	154	10080	1.038	ng		98
55) Dibenzofuran	15.13	168	17990	1.118	ng		97
58) Fluorene	15.79	166	13415	1.114	ng	#	94
59) 2,3,4,6-Tetrachlorophenol	15.35	232	2044	0.608	ng	#	96
60) Diethylphthalate	15.54	149	13333	1.004	ng		96
63) Azobenzene	16.07	77	12513	0.987	ng		95
66) n-Nitrosodiphenylamine	15.99	169	10513	0.874	ng		95
67) 4-Bromophenyl-phenylether	16.67	248	3975	0.906	ng		87
68) Hexachlorobenzene	16.78	284	4710	1.035	ng		97
69) Atrazine	16.93	200	3655	0.841	ng		93
71) Phenanthrene	17.53	178	23385	1.151	ng		99
72) Anthracene	17.62	178	22519	1.130	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
73) Carbazole	17.89	167	18073	0.906	ng		95
74) Di-n-butylphthalate	18.43	149	19458	0.877	ng	#	92
75) Fluoranthene	19.53	202	24359	1.057	ng		95
78) Pyrene	19.89	202	25134	1.046	ng		98
80) Butylbenzylphthalate	20.77	149	6689	0.680	ng		99
81) Benzo(a)anthracene	21.75	228	23729	1.092	ng		96
83) Chrysene	21.81	228	23687	1.133	ng		96
84) Bis(2-ethylhexyl)phthalate	21.63	149	10383	0.753	ng	#	98
85) Di-n-octyl phthalate	22.88	149	14734	0.656	ng	#	95
86) Indeno(1,2,3-cd)pyrene	28.93	276	13038	0.582	ng	#	81
88) Benzo(b)fluoranthene	24.03	252	19632	0.998	ng		96
89) Benzo(k)fluoranthene	24.11	252	21252m	1.103	ng		
90) Benzo(a)pyrene	24.95	252	17995	0.963	ng	#	91
91) Dibenzo(a,h)anthracene	28.99	278	9963m	0.578	ng		
92) Benzo(g,h,i)perylene	30.13	276	13264m	0.761	ng		

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

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