Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072518\
Data File : BG035870.D
Acq On : 25 Jul 2018 12:36
Operator : JU/SJ
Sample : J3762-09
Misc : MDL 2PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

Manual Integrations APPROVED
Sohil
7/26/2018 4:59:25 PM

Quant Time: Jul 25 15:16:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 11:04:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	39383	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	146510	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	103941	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	281167	20.00	ng		0.00
75) Chrysene-d12	21.66	240	298051	20.00	ng		0.00
86) Perylene-d12	24.85	264	285153	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	297542	125.43	ng		0.00
7) Phenol-d6	7.19	99	414459	117.11	ng		0.00
23) Nitrobenzene-d5	9.19	82	293100	83.57	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	187651	136.97	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	690503	89.00	ng		0.00
78) Terphenyl-d14	20.00	244	1424774	105.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	3517	2.913	ng	#	18
3) Pyridine	3.96	79	3047	0.967	ng		86
4) n-Nitrosodimethylamine	3.85	42	2114	1.562	ng	#	86
6) Aniline	7.36	93	5038	1.098	ng	#	77
8) 2-Chlorophenol	7.59	128	4563	1.891	ng	#	72
9) Benzaldehyde	7.18	77	5301	2.441	ng	#	83
10) Phenol	7.21	94	6629	1.854	ng	#	1
11) bis(2-Chloroethyl)ether	7.45	93	4517	1.613	ng		91
12) 1,3-Dichlorobenzene	7.92	146	5999	2.059	ng	#	88
13) 1,4-Dichlorobenzene	8.07	146	5594	1.890	ng		97
14) 1,2-Dichlorobenzene	8.38	146	5810m	2.043	ng		
15) Benzyl Alcohol	8.28	79	3842	1.195	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.56	45	5653	2.408	ng		79
17) 2-Methylphenol	8.48	107	4177	1.718	ng	#	81
18) Hexachloroethane	9.11	117	2440	2.156	ng	#	71
19) n-Nitroso-di-n-propylamine	8.83	70	4364	1.464	ng	#	74
20) 3+4-Methylphenols	8.82	107	4772m	1.415	ng		
22) Acetophenone	8.85	105	7730	1.697	ng	#	96
24) Nitrobenzene	9.23	77	6690	1.897	ng	#	84
25) Isophorone	9.76	82	11385	1.749	ng	#	92
26) 2-Nitrophenol	9.96	139	1928	1.539	ng	#	92
27) 2,4-Dimethylphenol	10.02	122	3942	1.859	ng	#	80
28) bis(2-Chloroethoxy)methane	10.26	93	5154	1.437	ng	#	80
29) 2,4-Dichlorophenol	10.54	162	3614	1.493	ng	#	66
30) 1,2,4-Trichlorobenzene	10.70	180	6235	2.101	ng	#	76
31) Naphthalene	10.88	128	14154	1.855	ng	#	94
33) 4-Chloroaniline	11.02	127	3413	1.026	ng	#	90
34) Hexachlorobutadiene	11.17	225	4961	2.144	ng	#	78
36) 4-Chloro-3-methylphenol	12.13	107	4214	1.299	ng	#	79
37) 2-Methylnaphthalene	12.49	142	11852m	2.084	ng		
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	8340	2.126	ng	#	97
40) Hexachlorocyclopentadiene	12.83	237	1582	0.769	ng	#	71
42) 2,4,6-Trichlorophenol	13.11	196	3950	1.722	ng	#	81
43) 2,4,5-Trichlorophenol	13.20	196	4415	1.720	ng	#	65

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	13.49	154	16805	2.085	ng		88
46) 2-Chloronaphthalene	13.53	162	12932	2.063	ng	#	88
47) 2-Nitroaniline	13.75	65	3298	1.488	ng	#	63
48) Acenaphthylene	14.38	152	20037	1.908	ng	#	94
49) Dimethylphthalate	14.10	163	17300	1.900	ng	#	96
50) 2,6-Dinitrotoluene	14.23	165	3149	1.698	ng	#	90
51) Acenaphthene	14.71	154	11763	1.798	ng		92
52) 3-Nitroaniline	14.61	138	1830	0.965	ng	#	59
54) Dibenzofuran	15.05	168	21197	2.038	ng		99
56) 2,4-Dinitrotoluene	15.03	165	4138	1.555	ng	#	77
57) Fluorene	15.70	166	16465	1.888	ng	#	99
58) 2,3,4,6-Tetrachlorophenol	15.29	232	3751	1.524	ng	#	68
59) Diethylphthalate	15.46	149	18019	1.924	ng		93
60) 4-Chlorophenyl-phenylether	15.68	204	10287	2.007	ng	#	91
61) 4-Nitroaniline	15.78	138	988m	0.498	ng		
62) Azobenzene	15.98	77	16133	1.747	ng		89
64) 4,6-Dinitro-2-methylphenol	15.78	198	54	0.035	ng	#	29
65) n-Nitrosodiphenylamine	15.91	169	13799	1.724	ng	#	94
66) 4-Bromophenyl-phenylether	16.58	248	6433	1.972	ng		93
67) Hexachlorobenzene	16.71	284	7043	2.097	ng	#	88
68) Atrazine	16.85	200	6040	1.833	ng		90
70) Phenanthrene	17.43	178	28800m	2.053	ng		
71) Anthracene	17.53	178	28386	2.032	ng		94
72) Carbazole	17.81	167	21454	1.617	ng		96
73) Di-n-butylphthalate	18.35	149	25042	1.597	ng		97
74) Fluoranthene	19.44	202	36597	1.937	ng		96
76) Benzidine	19.67	184	2208	0.282	ng		95
77) Pyrene	19.81	202	36643	1.944	ng	#	94
79) Butylbenzylphthalate	20.68	149	11328	1.681	ng		95
80) Benzo(a)anthracene	21.63	228	38151m	2.054	ng		
81) 3,3'-Dichlorobenzidine	21.58	252	8537	1.318	ng	#	97
82) Chrysene	21.70	228	34920	2.029	ng		96
83) Bis(2-ethylhexyl)phthalate	21.53	149	16121	1.759	ng	#	96
84) Di-n-octyl phthalate	22.74	149	28315	1.846	ng	#	75
85) Indeno(1,2,3-cd)pyrene	28.50	276	35447m	1.860	ng		
87) Benzo(b)fluoranthene	23.84	252	33917	1.957	ng		96
88) Benzo(k)fluoranthene	23.91	252	33776m	1.993	ng		
89) Benzo(a)pyrene	24.71	252	31336	1.943	ng		94
90) Dibenzo(a,h)anthracene	28.56	278	26665m	1.685	ng		
91) Benzo(g,h,i)perylene	29.62	276	30278m	1.955	ng		

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

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