Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101918\
Data File : BG037466.D
Acq On : 20 Oct 2018 1:04
Operator : JU/SJ
Sample : J5164-09
Misc : MDL 1PPM
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

Manual Integrations APPROVED
Sohil
10/22/2018 3:39:28 PM

Quant Time: Oct 20 06:50:08 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	49108	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	232598	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	153273	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	372418	20.00	ng		0.00
76) Chrysene-d12	21.77	240	347223	20.00	ng		0.00
87) Perylene-d12	25.10	264	333320	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	430445	146.54	ng		0.00
7) Phenol-d6	7.25	99	625495	140.83	ng		0.00
23) Nitrobenzene-d5	9.29	82	367236	88.45	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	233915	139.92	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	885811	87.15	ng		0.00
79) Terphenyl-d14	20.09	244	1332620	82.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	1497	1.005	ng	#	43
3) Pyridine	3.96	79	3625	0.966	ng	#	78
4) n-Nitrosodimethylamine	3.88	42	1466m	1.096	ng		
6) Aniline	7.44	93	3599	0.664	ng	#	88
8) 2-Chlorophenol	7.66	128	3770	1.097	ng	#	54
9) Benzaldehyde	7.25	77	3503	1.261	ng	#	78
10) Phenol	7.27	94	5109	1.090	ng	#	72
11) bis(2-Chloroethyl)ether	7.53	93	3770	1.059	ng	#	82
12) 1,3-Dichlorobenzene	7.99	146	4314m	1.128	ng		
13) 1,4-Dichlorobenzene	8.15	146	4131	1.056	ng		90
14) 1,2-Dichlorobenzene	8.46	146	3936	1.046	ng		98
15) Benzyl Alcohol	8.35	79	3039	0.926	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	8.62	45	6532	1.026	ng		92
17) 2-Methylphenol	8.53	107	2902	0.937	ng	#	89
18) Hexachloroethane	9.19	117	1520	1.139	ng		90
19) n-Nitroso-di-n-propylamine	8.92	70	2837	0.928	ng	#	84
20) 3+4-Methylphenols	8.86	107	4222	0.953	ng		93
22) Acetophenone	8.94	105	5876	1.007	ng	#	86
24) Nitrobenzene	9.32	77	4498	1.043	ng	#	92
25) Isophorone	9.84	82	7862	1.036	ng		96
26) 2-Nitrophenol	10.04	139	1773	0.912	ng		94
27) 2,4-Dimethylphenol	10.08	122	3208	0.925	ng	#	82
28) bis(2-Chloroethoxy)methane	10.33	93	4955	0.997	ng		98
29) 2,4-Dichlorophenol	10.57	162	3342	0.865	ng		75
30) 1,2,4-Trichlorobenzene	10.79	180	4161	0.991	ng	#	81
31) Naphthalene	10.98	128	12620	1.105	ng	#	94
32) Benzoic acid	10.20	122	63m	0.028	ng		
33) 4-Chloroaniline	11.09	127	3064	0.571	ng	#	92
34) Hexachlorobutadiene	11.24	225	2642	1.061	ng	#	84
35) Caprolactam	11.86	113	1028m	0.664	ng		
36) 4-Chloro-3-methylphenol	12.19	107	3529	0.810	ng		90
37) 2-Methylnaphthalene	12.58	142	9705	1.165	ng		96
38) 1-Methylnaphthalene	12.79	142	9141	1.130	ng		89
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	4850	0.981	ng	#	92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	2092	0.886	ng		98
43) 2,4,6-Trichlorophenol	13.16	196	2518	0.762	ng	#	86
44) 2,4,5-Trichlorophenol	13.24	196	2979	0.828	ng	#	88
46) 1,1'-Biphenyl	13.58	154	14443	1.138	ng		96
47) 2-Chloronaphthalene	13.62	162	10310	1.074	ng		94
48) 2-Nitroaniline	13.83	65	2079	0.714	ng		88
49) Acenaphthylene	14.46	152	15790	1.093	ng	#	90
50) Dimethylphthalate	14.19	163	12867	1.085	ng		98
51) 2,6-Dinitrotoluene	14.32	165	2007	0.765	ng	#	67
52) Acenaphthene	14.80	154	9115	1.025	ng	#	87
53) 3-Nitroaniline	14.65	138	1828	0.628	ng		86
55) Dibenzofuran	15.14	168	16925	1.148	ng		93
56) 4-Nitrophenol	14.95	139	559	0.259	ng	#	27
57) 2,4-Dinitrotoluene	15.10	165	2405	0.698	ng	#	94
58) Fluorene	15.79	166	13304	1.205	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	2141	0.695	ng	#	97
60) Diethylphthalate	15.54	149	12239	1.005	ng		97
61) 4-Chlorophenyl-phenylether	15.77	204	6601	1.026	ng		94
62) 4-Nitroaniline	15.81	138	2363	0.817	ng		89
63) Azobenzene	16.07	77	12185	1.049	ng		95
65) 4,6-Dinitro-2-methylphenol	15.86	198	74	8.539	ng	#	25
66) n-Nitrosodiphenylamine	15.99	169	10861	0.970	ng		95
67) 4-Bromophenyl-phenylether	16.67	248	3804	0.930	ng	#	85
68) Hexachlorobenzene	16.78	284	4264	1.006	ng		93
69) Atrazine	16.92	200	3517	0.868	ng		87
70) Pentachlorophenol	17.12	266	685	0.241	ng	#	81
71) Phenanthrene	17.53	178	22536	1.191	ng		96
72) Anthracene	17.62	178	20659	1.112	ng		96
73) Carbazole	17.89	167	17544	0.944	ng		100
74) Di-n-butylphthalate	18.43	149	19811	0.958	ng		96
75) Fluoranthene	19.53	202	23961	1.116	ng		94
77) Benzidine	19.72	184	2315	0.196	ng	#	95
78) Pyrene	19.90	202	23459	1.034	ng		98
80) Butylbenzylphthalate	20.77	149	7041	0.758	ng		88
81) Benzo(a)anthracene	21.75	228	23131	1.126	ng		97
82) 3,3'-Dichlorobenzidine	21.66	252	4185	0.526	ng	#	86
83) Chrysene	21.81	228	22849	1.157	ng		94
84) Bis(2-ethylhexyl)phthalate	21.63	149	10543	0.810	ng	#	94
85) Di-n-octyl phthalate	22.88	149	15599	0.735	ng	#	94
86) Indeno(1,2,3-cd)pyrene	28.92	276	13414m	0.633	ng		
88) Benzo(b)fluoranthene	24.03	252	19624	1.074	ng		94
89) Benzo(k)fluoranthene	24.10	252	20955m	1.170	ng		
90) Benzo(a)pyrene	24.95	252	17963	1.034	ng	#	91
91) Dibenzo(a,h)anthracene	29.02	278	9804m	0.612	ng		
92) Benzo(g,h,i)perylene	30.12	276	13578m	0.838	ng		

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

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