Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101818\
Data File : BG037440.D
Acq On : 19 Oct 2018 5:09
Operator : JU/SJ
Sample : J5164-09
Misc : MDL 1 PPM
ALS Vial : 19 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
10/19/2018 3:57:52 PM

Quant Time: Oct 19 10:22:03 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	48985	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	229320	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	157759	20.00	ng		0.00
64) Phenanthrene-d10	17.49	188	386690	20.00	ng		0.00
76) Chrysene-d12	21.77	240	352667	20.00	ng		0.00
87) Perylene-d12	25.11	264	356936m	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	425613	145.26	ng		0.00
7) Phenol-d6	7.25	99	622441	140.49	ng		0.00
23) Nitrobenzene-d5	9.29	82	359568	87.84	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	251384	146.10	ng		0.00
45) 2-Fluorobiphenyl	13.37	172	891264	85.19	ng		0.00
79) Terphenyl-d14	20.09	244	1364340	82.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	1545	1.040	ng	#	64
3) Pyridine	3.96	79	3641	0.972	ng	#	57
4) n-Nitrosodimethylamine	3.88	42	1470	1.102	ng	#	53
6) Aniline	7.43	93	3754	0.695	ng		96
8) 2-Chlorophenol	7.67	128	3829	1.117	ng		99
9) Benzaldehyde	7.25	77	3746	1.352	ng	#	77
10) Phenol	7.27	94	4759	1.018	ng	#	41
11) bis(2-Chloroethyl)ether	7.52	93	3754	1.057	ng	#	80
12) 1,3-Dichlorobenzene	7.99	146	3977	1.042	ng		94
13) 1,4-Dichlorobenzene	8.15	146	4093m	1.049	ng		
14) 1,2-Dichlorobenzene	8.46	146	3944	1.050	ng		93
15) Benzyl Alcohol	8.34	79	3550	1.084	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	8.64	45	6738	1.061	ng		95
17) 2-Methylphenol	8.54	107	3240	1.048	ng	#	83
18) Hexachloroethane	9.19	117	1297	0.975	ng	#	86
19) n-Nitroso-di-n-propylamine	8.91	70	2839	0.931	ng	#	94
20) 3+4-Methylphenols	8.86	107	4356	0.986	ng		95
22) Acetophenone	8.94	105	5703	0.992	ng	#	90
24) Nitrobenzene	9.32	77	5888	1.385	ng		97
25) Isophorone	9.85	82	7585	1.014	ng	#	95
26) 2-Nitrophenol	10.04	139	1919	1.002	ng	#	81
27) 2,4-Dimethylphenol	10.07	122	3347	0.978	ng	#	90
28) bis(2-Chloroethoxy)methane	10.33	93	5102	1.041	ng	#	91
29) 2,4-Dichlorophenol	10.56	162	3592	0.943	ng		83
30) 1,2,4-Trichlorobenzene	10.79	180	4140	1.000	ng		86
31) Naphthalene	10.98	128	12783	1.135	ng		97
33) 4-Chloroaniline	11.10	127	3849	0.727	ng		95
34) Hexachlorobutadiene	11.25	225	2502	1.019	ng	#	82
35) Caprolactam	11.86	113	1257	0.823	ng	#	71
36) 4-Chloro-3-methylphenol	12.20	107	4207	0.979	ng	#	78
37) 2-Methylnaphthalene	12.58	142	9389	1.144	ng		95
38) 1-Methylnaphthalene	12.80	142	10069m	1.263	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	5053	0.993	ng		95
41) Hexachlorocyclopentadiene	12.91	237	2024	0.833	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	13.17	196	3031m	0.892	ng		
44) 2,4,5-Trichlorophenol	13.24	196	2730	0.738	ng	#	88
46) 1,1'-Biphenyl	13.58	154	13718	1.050	ng		89
47) 2-Chloronaphthalene	13.62	162	9884	1.000	ng		97
48) 2-Nitroaniline	13.83	65	2628	0.877	ng		90
49) Acenaphthylene	14.47	152	17026	1.145	ng		94
50) Dimethylphthalate	14.19	163	13230	1.084	ng		96
51) 2,6-Dinitrotoluene	14.31	165	2448	0.907	ng	#	87
52) Acenaphthene	14.80	154	9927	1.084	ng		93
53) 3-Nitroaniline	14.65	138	2195	0.732	ng	#	89
55) Dibenzofuran	15.13	168	16706	1.101	ng		97
56) 4-Nitrophenol	14.95	139	708	0.319	ng	#	50
57) 2,4-Dinitrotoluene	15.09	165	2746	0.775	ng	#	90
58) Fluorene	15.79	166	13501	1.188	ng	#	86
59) 2,3,4,6-Tetrachlorophenol	15.35	232	2428	0.766	ng	#	98
60) Diethylphthalate	15.54	149	13152	1.050	ng		97
61) 4-Chlorophenyl-phenylether	15.77	204	7008	1.058	ng		96
62) 4-Nitroaniline	15.82	138	2197	0.738	ng	#	78
63) Azobenzene	16.07	77	12191	1.020	ng		94
65) 4,6-Dinitro-2-methylphenol	15.86	198	121m	8.557	ng		
66) n-Nitrosodiphenylamine	15.99	169	11432	0.983	ng		96
67) 4-Bromophenyl-phenylether	16.67	248	4146	0.976	ng		96
68) Hexachlorobenzene	16.78	284	4311	0.980	ng	#	81
69) Atrazine	16.93	200	3658	0.870	ng		94
70) Pentachlorophenol	17.13	266	766	0.260	ng	#	33
71) Phenanthrene	17.53	178	24465m	1.245	ng		
72) Anthracene	17.62	178	22074	1.145	ng		97
73) Carbazole	17.89	167	18408	0.954	ng	#	90
74) Di-n-butylphthalate	18.43	149	19873	0.926	ng		99
75) Fluoranthene	19.53	202	24607	1.104	ng		100
77) Benzidine	19.72	184	2282	0.190	ng		94
78) Pyrene	19.90	202	24976	1.083	ng		94
80) Butylbenzylphthalate	20.77	149	8207	0.870	ng		92
81) Benzo(a)anthracene	21.75	228	23079	1.106	ng		97
82) 3,3'-Dichlorobenzidine	21.67	252	5078	0.628	ng		89
83) Chrysene	21.81	228	23588	1.176	ng		93
84) Bis(2-ethylhexyl)phthalate	21.63	149	11349	0.858	ng		99
85) Di-n-octyl phthalate	22.88	149	17812	0.826	ng	#	87
86) Indeno(1,2,3-cd)pyrene	28.93	276	18798m	0.874	ng		
88) Benzo(b)fluoranthene	24.03	252	20869	1.066	ng		96
89) Benzo(k)fluoranthene	24.11	252	23210m	1.211	ng		
90) Benzo(a)pyrene	24.95	252	18425	0.991	ng		97
91) Dibenzo(a,h)anthracene	29.01	278	11978	0.698	ng	#	91
92) Benzo(g,h,i)perylene	30.12	276	17029m	0.981	ng		

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

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