Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101818\
Data File : BG037441.D
Acq On : 19 Oct 2018 5:48
Operator : JU/SJ
Sample : J5164-09
Misc : MDL 2 PPM
ALS Vial : 20 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
10/19/2018 3:57:53 PM

Quant Time: Oct 19 09:12:26 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	51433	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	242085	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	160768	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	399204	20.00	ng		0.00
76) Chrysene-d12	21.77	240	366917	20.00	ng		0.00
87) Perylene-d12	25.10	264	361920	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	424801	138.08	ng		0.00
7) Phenol-d6	7.25	99	624397	134.22	ng		0.00
23) Nitrobenzene-d5	9.29	82	355858	82.35	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	242879	138.51	ng		0.00
45) 2-Fluorobiphenyl	13.37	172	872148	81.80	ng		0.00
79) Terphenyl-d14	20.09	244	1327500	77.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	4114	2.637	ng	#	77
3) Pyridine	3.95	79	7000	1.780	ng	#	90
4) n-Nitrosodimethylamine	3.87	42	2960	2.113	ng	#	90
6) Aniline	7.43	93	7340	1.293	ng		97
8) 2-Chlorophenol	7.67	128	7731	2.148	ng		98
9) Benzaldehyde	7.25	77	6116	2.102	ng	#	82
10) Phenol	7.27	94	9987	2.035	ng		80
11) bis(2-Chloroethyl)ether	7.52	93	7124	1.911	ng		86
12) 1,3-Dichlorobenzene	7.99	146	7598	1.896	ng		91
13) 1,4-Dichlorobenzene	8.14	146	8338	2.034	ng		91
14) 1,2-Dichlorobenzene	8.46	146	7939	2.014	ng		96
15) Benzyl Alcohol	8.35	79	6390	1.859	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.64	45	13441	2.015	ng		96
17) 2-Methylphenol	8.54	107	6153	1.896	ng	#	89
18) Hexachloroethane	9.20	117	2703	1.935	ng	#	79
19) n-Nitroso-di-n-propylamine	8.91	70	5795	1.809	ng		91
20) 3+4-Methylphenols	8.86	107	8758	1.888	ng		95
22) Acetophenone	8.93	105	11663	1.921	ng	#	99
24) Nitrobenzene	9.32	77	8762	1.952	ng		99
25) Isophorone	9.84	82	15915	2.016	ng	#	97
26) 2-Nitrophenol	10.04	139	3136	1.551	ng	#	83
27) 2,4-Dimethylphenol	10.07	122	7044	1.951	ng	#	93
28) bis(2-Chloroethoxy)methane	10.33	93	10209	1.973	ng	#	92
29) 2,4-Dichlorophenol	10.56	162	6875	1.710	ng		93
30) 1,2,4-Trichlorobenzene	10.78	180	8366	1.913	ng		93
31) Naphthalene	10.98	128	26212	2.204	ng		98
32) Benzoic acid	10.13	122	387	0.165	ng	#	57
33) 4-Chloroaniline	11.09	127	7422	1.328	ng	#	92
34) Hexachlorobutadiene	11.25	225	5058	1.952	ng		88
35) Caprolactam	11.90	113	112	0.069	ng	#	78
36) 4-Chloro-3-methylphenol	12.18	107	7684	1.695	ng		92
37) 2-Methylnaphthalene	12.57	142	18826	2.172	ng		97
38) 1-Methylnaphthalene	12.80	142	18120	2.153	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	10061	1.940	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	4475	1.807	ng		98
43) 2,4,6-Trichlorophenol	13.17	196	5512	1.591	ng		95
44) 2,4,5-Trichlorophenol	13.24	196	6358	1.686	ng		98
46) 1,1'-Biphenyl	13.58	154	25911	1.946	ng		94
47) 2-Chloronaphthalene	13.62	162	20026	1.988	ng		97
48) 2-Nitroaniline	13.83	65	4948	1.620	ng		88
49) Acenaphthylene	14.46	152	31899	2.105	ng		97
50) Dimethylphthalate	14.19	163	25292	2.034	ng		98
51) 2,6-Dinitrotoluene	14.31	165	4520	1.643	ng		97
52) Acenaphthene	14.80	154	19384	2.077	ng		98
53) 3-Nitroaniline	14.64	138	4049	1.326	ng		89
55) Dibenzofuran	15.13	168	32868	2.126	ng		96
56) 4-Nitrophenol	14.93	139	2127	0.941	ng	#	57
57) 2,4-Dinitrotoluene	15.09	165	5768	1.597	ng	#	87
58) Fluorene	15.79	166	26435	2.283	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.36	232	5576	1.727	ng	#	93
60) Diethylphthalate	15.54	149	26402	2.068	ng		100
61) 4-Chlorophenyl-phenylether	15.77	204	13541	2.007	ng		100
62) 4-Nitroaniline	15.81	138	4686	1.544	ng		97
63) Azobenzene	16.07	77	25040	2.055	ng		91
65) 4,6-Dinitro-2-methylphenol	16.21	198	854	8.843	ng		82
66) n-Nitrosodiphenylamine	15.99	169	22195	1.848	ng		88
67) 4-Bromophenyl-phenylether	16.67	248	8070	1.841	ng	#	86
68) Hexachlorobenzene	16.78	284	8361	1.840	ng		94
69) Atrazine	16.93	200	7045	1.623	ng		97
70) Pentachlorophenol	17.12	266	1841	0.605	ng	#	85
71) Phenanthrene	17.52	178	45517	2.243	ng		98
72) Anthracene	17.62	178	43544	2.187	ng		97
73) Carbazole	17.89	167	36648	1.840	ng		96
74) Di-n-butylphthalate	18.43	149	41312	1.865	ng		98
75) Fluoranthene	19.53	202	48040	2.088	ng		98
77) Benzidine	19.72	184	5223	0.419	ng	#	93
78) Pyrene	19.89	202	49899	2.080	ng		98
80) Butylbenzylphthalate	20.77	149	15813	1.611	ng		93
81) Benzo(a)anthracene	21.75	228	46596	2.147	ng		97
82) 3,3'-Dichlorobenzidine	21.67	252	9630	1.145	ng		96
83) Chrysene	21.81	228	43168	2.069	ng		95
84) Bis(2-ethylhexyl)phthalate	21.63	149	23046	1.675	ng	#	95
85) Di-n-octyl phthalate	22.88	149	36441	1.624	ng		100
86) Indeno(1,2,3-cd)pyrene	28.92	276	38246m	1.709	ng		
88) Benzo(b)fluoranthene	24.03	252	41490	2.091	ng		99
89) Benzo(k)fluoranthene	24.11	252	38258	1.968	ng		94
90) Benzo(a)pyrene	24.94	252	38064	2.019	ng	#	96
91) Dibenzo(a,h)anthracene	29.00	278	26310	1.513	ng	#	89
92) Benzo(g,h,i)perylene	30.11	276	30526	1.735	ng		96

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

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