Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101818\
Data File : BG037443.D
Acq On : 19 Oct 2018 7:06
Operator : JU/SJ
Sample : J5164-09
Misc : MDL 8 PPM
ALS Vial : 22 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
10/19/2018 3:57:55 PM

Quant Time: Oct 19 09:16:24 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	49693	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	231814	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	155718	20.00	ng		0.00
64) Phenanthrene-d10	17.49	188	380969	20.00	ng		0.00
76) Chrysene-d12	21.77	240	356610	20.00	ng		0.00
87) Perylene-d12	25.10	264	358211	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	433727	145.92	ng		0.00
7) Phenol-d6	7.25	99	637279	141.79	ng		0.00
23) Nitrobenzene-d5	9.28	82	347350	83.94	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	241924	142.44	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	849570	82.27	ng		0.00
79) Terphenyl-d14	20.09	244	1313846	78.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	11050	7.331	ng		98
3) Pyridine	3.94	79	29659	7.807	ng		89
4) n-Nitrosodimethylamine	3.86	42	12271	9.068	ng		95
6) Aniline	7.43	93	33432	6.097	ng		94
8) 2-Chlorophenol	7.66	128	29047	8.354	ng		98
9) Benzaldehyde	7.25	77	22967	8.169	ng		99
10) Phenol	7.27	94	38988	8.221	ng		98
11) bis(2-Chloroethyl)ether	7.53	93	28732	7.977	ng		89
12) 1,3-Dichlorobenzene	8.00	146	30252	7.815	ng		98
13) 1,4-Dichlorobenzene	8.14	146	31247	7.891	ng		99
14) 1,2-Dichlorobenzene	8.46	146	29622	7.777	ng		96
15) Benzyl Alcohol	8.34	79	25794	7.767	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.63	45	52903	8.209	ng		98
17) 2-Methylphenol	8.54	107	25998	8.292	ng		93
18) Hexachloroethane	9.20	117	10791	7.994	ng		97
19) n-Nitroso-di-n-propylamine	8.91	70	22728	7.343	ng		97
20) 3+4-Methylphenols	8.86	107	36670	8.181	ng		92
22) Acetophenone	8.94	105	46307	7.965	ng	#	94
24) Nitrobenzene	9.32	77	35215	8.192	ng		92
25) Isophorone	9.84	82	65235	8.628	ng		96
26) 2-Nitrophenol	10.04	139	13406	6.922	ng		97
27) 2,4-Dimethylphenol	10.08	122	30337	8.774	ng		98
28) bis(2-Chloroethoxy)methane	10.32	93	40188	8.112	ng		96
29) 2,4-Dichlorophenol	10.56	162	29901	7.767	ng		94
30) 1,2,4-Trichlorobenzene	10.79	180	32535	7.771	ng		96
31) Naphthalene	10.98	128	98118	8.617	ng		99
32) Benzoic acid	10.14	122	9485	4.223	ng	#	82
33) 4-Chloroaniline	11.09	127	31475	5.883	ng		95
34) Hexachlorobutadiene	11.25	225	18822	7.585	ng		100
35) Caprolactam	11.85	113	10707	6.934	ng		94
36) 4-Chloro-3-methylphenol	12.19	107	32739	7.540	ng		90
37) 2-Methylnaphthalene	12.57	142	73939	8.908	ng		96
38) 1-Methylnaphthalene	12.79	142	70342m	8.727	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	38401	7.645	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	19023	7.929	ng		92
43) 2,4,6-Trichlorophenol	13.17	196	24779	7.384	ng		96
44) 2,4,5-Trichlorophenol	13.24	196	28491	7.798	ng		97
46) 1,1'-Biphenyl	13.57	154	95951	7.440	ng		98
47) 2-Chloronaphthalene	13.62	162	77437	7.937	ng		99
48) 2-Nitroaniline	13.83	65	21555	7.285	ng		96
49) Acenaphthylene	14.47	152	129263	8.808	ng		99
50) Dimethylphthalate	14.18	163	100696	8.359	ng		98
51) 2,6-Dinitrotoluene	14.31	165	20759	7.790	ng		96
52) Acenaphthene	14.81	154	75219	8.322	ng		96
53) 3-Nitroaniline	14.65	138	19470	6.581	ng		93
54) 2,4-Dinitrophenol	14.85	184	1747	8.908	ng	#	78
55) Dibenzofuran	15.14	168	128501	8.581	ng		98
56) 4-Nitrophenol	14.93	139	13353	6.098	ng		96
57) 2,4-Dinitrotoluene	15.09	165	26258	7.506	ng		95
58) Fluorene	15.79	166	102299	9.122	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.35	232	25183	8.051	ng	#	100
60) Diethylphthalate	15.54	149	103165	8.341	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	53106	8.124	ng		94
62) 4-Nitroaniline	15.81	138	22323	7.594	ng		93
63) Azobenzene	16.06	77	100398	8.508	ng		97
65) 4,6-Dinitro-2-methylphenol	15.85	198	6960	11.372	ng		88
66) n-Nitrosodiphenylamine	15.99	169	89923	7.847	ng		98
67) 4-Bromophenyl-phenylether	16.67	248	31496	7.528	ng		96
68) Hexachlorobenzene	16.78	284	32622	7.524	ng		97
69) Atrazine	16.93	200	33133	7.997	ng		99
70) Pentachlorophenol	17.12	266	11610	3.997	ng	#	89
71) Phenanthrene	17.53	178	173877	8.980	ng		97
72) Anthracene	17.61	178	176003	9.263	ng		99
73) Carbazole	17.89	167	153562	8.079	ng		97
74) Di-n-butylphthalate	18.43	149	171989	8.134	ng		98
75) Fluoranthene	19.53	202	195773	8.915	ng		100
77) Benzidine	19.71	184	28785	2.374	ng		98
78) Pyrene	19.89	202	201913	8.661	ng		98
80) Butylbenzylphthalate	20.77	149	70389	7.378	ng		92
81) Benzo(a)anthracene	21.75	228	185152	8.778	ng		97
82) 3,3'-Dichlorobenzidine	21.66	252	45117	5.518	ng		94
83) Chrysene	21.82	228	175558	8.656	ng		96
84) Bis(2-ethylhexyl)phthalate	21.63	149	101060	7.557	ng		99
85) Di-n-octyl phthalate	22.88	149	165511	7.590	ng		98
86) Indeno(1,2,3-cd)pyrene	28.91	276	155250	7.137	ng	#	89
88) Benzo(b)fluoranthene	24.03	252	167824	8.546	ng		99
89) Benzo(k)fluoranthene	24.10	252	173137m	8.999	ng		
90) Benzo(a)pyrene	24.94	252	159814	8.564	ng		100
91) Dibenzo(a,h)anthracene	29.00	278	128060	7.440	ng	#	95
92) Benzo(g,h,i)perylene	30.12	276	134882	7.745	ng		94

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

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