Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040419\
Data File : BG040364.D
Acq On : 4 Apr 2019 17:57
Operator : JU/SJ
Sample : K1560-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019

Manual Integrations APPROVED
Sohil
4/5/2019 12:24:47 PM

Quant Time: Apr 05 05:45:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	58062	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	227037	20.00	ng		-0.02
39) Acenaphthene-d10	14.67	164	139833	20.00	ng		-0.03
64) Phenanthrene-d10	17.42	188	355626	20.00	ng		-0.02
76) Chrysene-d12	21.70	240	418139	20.00	ng		-0.03
87) Perylene-d12	24.97	264	435224	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	464161	132.90	ng		-0.02
7) Phenol-d6	7.20	99	638246	132.23	ng		-0.02
23) Nitrobenzene-d5	9.22	82	392459	91.88	ng		-0.02
42) 2,4,6-Tribromophenol	16.17	330	233094	154.24	ng		-0.02
45) 2-Fluorobiphenyl	13.30	172	882776	93.54	ng		-0.02
79) Terphenyl-d14	20.02	244	1509115	81.19	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	12683	7.723	ng		92
3) Pyridine	3.91	79	32661	7.386	ng		96
4) n-Nitrosodimethylamine	3.83	42	14638	7.157	ng	#	96
6) Aniline	7.37	93	45437	7.245	ng		96
8) 2-Chlorophenol	7.61	128	31447	7.692	ng		95
9) Benzaldehyde	7.19	77	26284	7.938	ng		97
10) Phenol	7.22	94	40285	7.689	ng		92
11) bis(2-Chloroethyl)ether	7.47	93	30858	7.354	ng		96
12) 1,3-Dichlorobenzene	7.94	146	34877	7.847	ng		95
13) 1,4-Dichlorobenzene	8.08	146	34391	7.769	ng		94
14) 1,2-Dichlorobenzene	8.40	146	32788	7.746	ng		91
15) Benzyl Alcohol	8.29	79	24558	6.317	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.57	45	57378	7.125	ng		98
17) 2-Methylphenol	8.48	107	25543	7.046	ng		91
18) Hexachloroethane	9.12	117	12572	7.467	ng		86
19) n-Nitroso-di-n-propylamine	8.85	70	23286	6.729	ng	#	96
20) 3+4-Methylphenols	8.81	107	35106	7.148	ng		92
22) Acetophenone	8.88	105	45714	8.072	ng	#	98
24) Nitrobenzene	9.26	77	36684	8.294	ng		98
25) Isophorone	9.77	82	64196	7.304	ng		96
26) 2-Nitrophenol	9.97	139	15881	7.577	ng		97
27) 2,4-Dimethylphenol	10.02	122	25431	7.639	ng		92
28) bis(2-Chloroethoxy)methane	10.26	93	40612	7.811	ng		99
29) 2,4-Dichlorophenol	10.51	162	28432	7.868	ng		94
30) 1,2,4-Trichlorobenzene	10.72	180	31982	8.060	ng		94
31) Naphthalene	10.91	128	98514	8.465	ng		99
32) Benzoic acid	10.13	122	6330m	3.147	ng		
33) 4-Chloroaniline	11.03	127	40015	8.061	ng		99
34) Hexachlorobutadiene	11.17	225	20316	8.006	ng		91
35) Caprolactam	11.80	113	9223m	6.432	ng		
36) 4-Chloro-3-methylphenol	12.14	107	32057	7.717	ng		97
37) 2-Methylnaphthalene	12.51	142	70051	8.139	ng		100
38) 1-Methylnaphthalene	12.73	142	69701	8.351	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	38351	8.629	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	10396	4.260	ng		93
43) 2,4,6-Trichlorophenol	13.12	196	22810	7.960	ng		96
44) 2,4,5-Trichlorophenol	13.19	196	26228	8.398	ng		96
46) 1,1'-Biphenyl	13.51	154	90839	8.222	ng		98
47) 2-Chloronaphthalene	13.56	162	73497	8.672	ng		98
48) 2-Nitroaniline	13.77	65	21115	7.386	ng		89
49) Acenaphthylene	14.40	152	120896	8.414	ng		99
50) Dimethylphthalate	14.12	163	88135	8.053	ng		97
51) 2,6-Dinitrotoluene	14.26	165	19803	8.059	ng		98
52) Acenaphthene	14.74	154	69505	8.441	ng		98
53) 3-Nitroaniline	14.59	138	19904	7.652	ng	#	80
55) Dibenzofuran	15.07	168	117770	8.901	ng		99
56) 4-Nitrophenol	14.90	139	12893	6.141	ng		92
57) 2,4-Dinitrotoluene	15.04	165	26596	7.789	ng	#	96
58) Fluorene	15.72	166	91815	8.827	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.30	232	24157	8.523	ng		97
60) Diethylphthalate	15.48	149	91965	8.212	ng		93
61) 4-Chlorophenyl-phenylether	15.71	204	48025	8.637	ng		98
62) 4-Nitroaniline	15.76	138	22947	8.220	ng		94
63) Azobenzene	16.00	77	88305	8.360	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	9583	4.796	ng		94
66) n-Nitrosodiphenylamine	15.93	169	83517	8.025	ng		97
67) 4-Bromophenyl-phenylether	16.60	248	31055	7.760	ng		98
68) Hexachlorobenzene	16.71	284	32083	7.973	ng		97
69) Atrazine	16.87	200	30439	7.863	ng		97
70) Pentachlorophenol	17.08	266	10028	4.311	ng		87
71) Phenanthrene	17.47	178	166021	8.882	ng		97
72) Anthracene	17.55	178	155420	8.307	ng		98
73) Carbazole	17.83	167	153257	8.655	ng		96
74) Di-n-butylphthalate	18.36	149	168679	8.037	ng		98
75) Fluoranthene	19.47	202	208505	9.420	ng		98
77) Benzidine	19.66	184	81813	5.418	ng		100
78) Pyrene	19.83	202	217877	7.924	ng		97
80) Butylbenzylphthalate	20.70	149	81866	6.958	ng		94
81) Benzo(a)anthracene	21.67	228	219736	8.532	ng		98
82) 3,3'-Dichlorobenzidine	21.59	252	75991	7.756	ng		99
83) Chrysene	21.74	228	208039	8.405	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	122912	7.308	ng		99
85) Di-n-octyl phthalate	22.76	149	212927	7.430	ng		98
86) Indeno(1,2,3-cd)pyrene	28.71	276	240860	7.956	ng	#	74
88) Benzo(b)fluoranthene	23.92	252	215238	8.078	ng		98
89) Benzo(k)fluoranthene	23.99	252	206466	8.426	ng		99
90) Benzo(a)pyrene	24.81	252	201332	8.053	ng		98
91) Dibenzo(a,h)anthracene	28.78	278	188685	8.126	ng		98
92) Benzo(g,h,i)perylene	29.90	276	190276	7.974	ng		97

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

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