Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062419\
Data File : BM021148.D
Acq On : 24 Jun 2019 17:14
Operator : HP/JU
Sample : K2241-08
Misc : LOO--WATER-20PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2019

Manual Integrations APPROVED
mohammad
6/28/2019 8:26:06 AM

Quant Time: Jun 25 04:51:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM062019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 20 15:39:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	304271	20.00	ng		-0.01
21) Naphthalene-d8	10.56	136	1320294	20.00	ng		-0.01
39) Acenaphthene-d10	14.41	164	897737	20.00	ng		-0.01
64) Phenanthrene-d10	17.16	188	2244714	20.00	ng		0.00
76) Chrysene-d12	21.34	240	2219773	20.00	ng		0.00
87) Perylene-d12	23.62	264	2004846	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1297017	77.19	ng		0.00
7) Phenol-d6	6.95	99	1913150	78.18	ng		0.00
23) Nitrobenzene-d5	8.93	82	1228926	48.51	ng		-0.01
42) 2,4,6-Tribromophenol	15.91	330	1434600	85.16	ng		0.00
45) 2-Fluorobiphenyl	13.03	172	3602629	49.32	ng		-0.01
79) Terphenyl-d14	19.79	244	6656438	56.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	122469	19.345	ng		100
3) Pyridine	3.72	79	320845	17.624	ng		99
4) n-Nitrosodimethylamine	3.63	42	120774	17.229	ng	#	95
6) Aniline	7.11	93	544125	16.695	ng		99
8) 2-Chlorophenol	7.33	128	374484	18.108	ng		98
9) Benzaldehyde	6.93	77	321768	22.318	ng		99
10) Phenol	6.97	94	455284	18.212	ng		99
11) bis(2-Chloroethyl)ether	7.20	93	350653	17.716	ng		98
12) 1,3-Dichlorobenzene	7.66	146	431098	17.206	ng		98
13) 1,4-Dichlorobenzene	7.80	146	446560	17.530	ng		99
14) 1,2-Dichlorobenzene	8.12	146	430080	17.228	ng		100
15) Benzyl Alcohol	8.02	79	350486	17.689	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.30	45	451206	17.625	ng		98
17) 2-Methylphenol	8.21	107	321999	18.032	ng		99
18) Hexachloroethane	8.84	117	155035	16.951	ng		98
19) n-Nitroso-di-n-propylamine	8.57	70	324668	18.232	ng		99
20) 3+4-Methylphenols	8.54	107	444531	18.085	ng		99
22) Acetophenone	8.60	105	657047	19.529	ng	#	99
24) Nitrobenzene	8.97	77	465800	18.562	ng		100
25) Isophorone	9.50	82	889715	18.770	ng		99
26) 2-Nitrophenol	9.68	139	223723	18.207	ng		98
27) 2,4-Dimethylphenol	9.73	122	338159	18.868	ng		96
28) bis(2-Chloroethoxy)methane	9.97	93	529440	17.975	ng		99
29) 2,4-Dichlorophenol	10.20	162	431964	18.623	ng		99
30) 1,2,4-Trichlorobenzene	10.42	180	488293	17.858	ng		99
31) Naphthalene	10.61	128	1299132	18.593	ng		99
32) Benzoic acid	9.87	122	271060m	18.695	ng		
33) 4-Chloroaniline	10.73	127	569343	17.950	ng		99
34) Hexachlorobutadiene	10.88	225	295550	17.119	ng		97
35) Caprolactam	11.53	113	135791	18.717	ng		93
36) 4-Chloro-3-methylphenol	11.85	107	458419	19.422	ng		98
37) 2-Methylnaphthalene	12.22	142	1039197	19.330	ng		98
38) 1-Methylnaphthalene	12.44	142	992049	19.347	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.59	216	646047	19.013	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.56	237	277521	14.089 ng	100
43) 2,4,6-Trichlorophenol	12.83	196	400256	17.801 ng	99
44) 2,4,5-Trichlorophenol	12.90	196	434654	18.667 ng	99
46) 1,1'-Biphenyl	13.24	154	1489321	19.383 ng	99
47) 2-Chloronaphthalene	13.28	162	1105295	17.712 ng	99
48) 2-Nitroaniline	13.50	65	292363	17.125 ng	96
49) Acenaphthylene	14.13	152	1755097	18.481 ng	100
50) Dimethylphthalate	13.87	163	1453273	18.207 ng	99
51) 2,6-Dinitrotoluene	14.00	165	317230	18.475 ng	98
52) Acenaphthene	14.47	154	1054932	18.411 ng	99
53) 3-Nitroaniline	14.33	138	302400	17.274 ng	98
54) 2,4-Dinitrophenol	14.54	184	147458	15.987 ng	97
55) Dibenzofuran	14.81	168	1766158	18.895 ng	99
56) 4-Nitrophenol	14.63	139	232521	17.370 ng	95
57) 2,4-Dinitrotoluene	14.79	165	446212	18.819 ng	99
58) Fluorene	15.46	166	1441345	18.873 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.04	232	427060	19.196 ng	99
60) Diethylphthalate	15.24	149	1442622	18.351 ng	99
61) 4-Chlorophenyl-phenylether	15.46	204	789815	18.306 ng	98
62) 4-Nitroaniline	15.50	138	317167	17.262 ng	98
63) Azobenzene	15.75	77	1236088	19.169 ng	98
65) 4,6-Dinitro-2-methylphenol	15.55	198	219380	15.851 ng	96
66) n-Nitrosodiphenylamine	15.67	169	1267919	17.920 ng	100
67) 4-Bromophenyl-phenylether	16.35	248	509938	17.065 ng	98
68) Hexachlorobenzene	16.46	284	607557	17.019 ng	99
69) Atrazine	16.63	200	439547	19.104 ng	99
70) Pentachlorophenol	16.81	266	335589	17.448 ng	98
71) Phenanthrene	17.20	178	2390524	18.479 ng	100
72) Anthracene	17.29	178	2361781	18.430 ng	99
73) Carbazole	17.57	167	2129473	18.794 ng	100
74) Di-n-butylphthalate	18.13	149	2541700	18.324 ng	100
75) Fluoranthene	19.22	202	2922753	19.564 ng	99
77) Benzidine	19.42	184	809145	12.553 ng	99
78) Pyrene	19.58	202	2982801	18.528 ng	99
80) Butylbenzylphthalate	20.49	149	1157070	18.032 ng	99
81) Benzo(a)anthracene	21.33	228	2758169	18.228 ng	100
82) 3,3'-Dichlorobenzidine	21.27	252	1016109	17.729 ng	100
83) Chrysene	21.39	228	2698623	18.721 ng	100
84) Bis(2-ethylhexyl)phthalate	21.26	149	1721025	18.845 ng	100
85) Di-n-octyl phthalate	22.14	149	2751028	19.154 ng	100
86) Indeno(1,2,3-cd)pyrene	25.91	276	2548222	15.976 ng	100
88) Benzo(b)fluoranthene	22.94	252	2577373	19.056 ng	100
89) Benzo(k)fluoranthene	22.98	252	2546697	19.479 ng	100
90) Benzo(a)pyrene	23.52	252	2361275	19.348 ng	100
91) Dibenzo(a,h)anthracene	25.93	278	2158399	17.739 ng	99
92) Benzo(g,h,i)perylene	26.61	276	2050696	18.073 ng	100

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

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