Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062019\
Data File : BM021070.D
Acq On : 21 Jun 2019 01:33
Operator : HP/JU
Sample : K2241-09
Misc : LOD-W-8PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Manual Integrations APPROVED
mohammad
6/21/2019 10:02:13 PM

Quant Time: Jun 21 04:38:21 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	7.78	152	205881	20.00	ng		0.00
21) Naphthalene-d8	10.57	136	915925	20.00	ng		0.00
39) Acenaphthene-d10	14.42	164	633177	20.00	ng		0.00
64) Phenanthrene-d10	17.17	188	1597035	20.00	ng		0.00
76) Chrysene-d12	21.34	240	1825652	20.00	ng		0.00
87) Perylene-d12	23.62	264	2108358	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	381791	33.58	ng		0.00
7) Phenol-d6	6.95	99	551375	33.30	ng		0.00
23) Nitrobenzene-d5	8.94	82	356237	20.27	ng		0.00
42) 2,4,6-Tribromophenol	15.91	330	398612	33.55	ng		0.00
45) 2-Fluorobiphenyl	13.03	172	1077717	20.92	ng		0.00
79) Terphenyl-d14	19.79	244	2122847	21.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	37000	8.637	ng		96
3) Pyridine	3.73	79	86513	7.023	ng		97
4) n-Nitrosodimethylamine	3.64	42	33733	7.112	ng	#	88
6) Aniline	7.12	93	160598	7.282	ng		98
8) 2-Chlorophenol	7.34	128	107097	7.653	ng		94
9) Benzaldehyde	6.93	77	102072	7.546	ng		98
10) Phenol	6.97	94	130084	7.690	ng		99
11) bis(2-Chloroethyl)ether	7.21	93	101528	7.581	ng		98
12) 1,3-Dichlorobenzene	7.66	146	128589	7.585	ng		98
13) 1,4-Dichlorobenzene	7.81	146	130367	7.563	ng		98
14) 1,2-Dichlorobenzene	8.13	146	126205	7.471	ng		100
15) Benzyl Alcohol	8.02	79	95941	7.156	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.30	45	137315	7.927	ng		99
17) 2-Methylphenol	8.22	107	89388	7.398	ng		99
18) Hexachloroethane	8.85	117	45991	7.431	ng		93
19) n-Nitroso-di-n-propylamine	8.58	70	95319	7.911	ng		99
20) 3+4-Methylphenols	8.54	107	121969	7.334	ng		98
22) Acetophenone	8.60	105	194884	8.350	ng	#	99
24) Nitrobenzene	8.98	77	134953	7.752	ng		97
25) Isophorone	9.50	82	256756	7.808	ng		99
26) 2-Nitrophenol	9.69	139	56247	6.598	ng		95
27) 2,4-Dimethylphenol	9.74	122	103716	8.342	ng		99
28) bis(2-Chloroethoxy)methane	9.99	93	157656	7.716	ng		99
29) 2,4-Dichlorophenol	10.22	162	114515	7.117	ng		100
30) 1,2,4-Trichlorobenzene	10.43	180	139521	7.355	ng		99
31) Naphthalene	10.62	128	389432	8.034	ng		99
32) Benzoic acid	9.83	122	59817m	5.947	ng		
33) 4-Chloroaniline	10.73	127	162922	7.404	ng		99
34) Hexachlorobutadiene	10.89	225	85269	7.120	ng		97
35) Caprolactam	11.52	113	35733	7.100	ng		95
36) 4-Chloro-3-methylphenol	11.85	107	126196	7.707	ng		98
37) 2-Methylnaphthalene	12.23	142	304881	8.175	ng		99
38) 1-Methylnaphthalene	12.45	142	292874	8.233	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	183368	7.651	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.57	237	89242	6.424 ng	98
43) 2,4,6-Trichlorophenol	12.85	196	106068	6.688 ng	98
44) 2,4,5-Trichlorophenol	12.92	196	115906	7.058 ng	99
46) 1,1'-Biphenyl	13.25	154	447482	8.257 ng	97
47) 2-Chloronaphthalene	13.29	162	324924	7.382 ng	99
48) 2-Nitroaniline	13.50	65	77514	6.438 ng	96
49) Acenaphthylene	14.14	152	524858	7.836 ng	99
50) Dimethylphthalate	13.87	163	444769	7.901 ng	99
51) 2,6-Dinitrotoluene	14.00	165	91026	7.516 ng	98
52) Acenaphthene	14.48	154	313682	7.762 ng	99
53) 3-Nitroaniline	14.33	138	82556	6.686 ng	93
54) 2,4-Dinitrophenol	14.55	184	36403	5.596 ng	98
55) Dibenzofuran	14.82	168	534088	8.101 ng	97
56) 4-Nitrophenol	14.64	139	67643	7.164 ng	94
57) 2,4-Dinitrotoluene	14.79	165	120257	7.191 ng	93
58) Fluorene	15.47	166	431524	8.011 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.05	232	119653	7.626 ng	97
60) Diethylphthalate	15.24	149	443753	8.003 ng	98
61) 4-Chlorophenyl-phenylether	15.46	204	236744	7.780 ng	97
62) 4-Nitroaniline	15.50	138	90445	6.979 ng	92
63) Azobenzene	15.76	77	368369	8.100 ng	98
65) 4,6-Dinitro-2-methylphenol	15.55	198	55618	5.648 ng	94
66) n-Nitrosodiphenylamine	15.68	169	385003	7.648 ng	99
67) 4-Bromophenyl-phenylether	16.36	248	148964	7.007 ng	94
68) Hexachlorobenzene	16.46	284	182353	7.180 ng	96
69) Atrazine	16.63	200	128471	7.848 ng	97
70) Pentachlorophenol	16.82	266	86142	6.295 ng	98
71) Phenanthrene	17.21	178	734848	7.984 ng	100
72) Anthracene	17.30	178	713402	7.825 ng	99
73) Carbazole	17.57	167	647601	8.033 ng	99
74) Di-n-butylphthalate	18.13	149	739140	7.490 ng	100
75) Fluoranthene	19.22	202	903839	8.504 ng	99
77) Benzidine	19.42	184	359310	6.778 ng	99
78) Pyrene	19.59	202	934218	7.056 ng	99
80) Butylbenzylphthalate	20.49	149	339679	6.436 ng	96
81) Benzo(a)anthracene	21.33	228	963252	7.740 ng	100
82) 3,3'-Dichlorobenzidine	21.27	252	365103	7.746 ng	98
83) Chrysene	21.38	228	962468	8.118 ng	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	517641	6.892 ng	99
85) Di-n-octyl phthalate	22.14	149	900266	7.621 ng	99
86) Indeno(1,2,3-cd)pyrene	25.92	276	1168037	8.904 ng	99
88) Benzo(b)fluoranthene	22.93	252	1046443	7.357 ng	99
89) Benzo(k)fluoranthene	22.98	252	1038850	7.556 ng	99
90) Benzo(a)pyrene	23.52	252	990495	7.718 ng	100
91) Dibenzo(a,h)anthracene	25.93	278	980678	7.664 ng	100
92) Benzo(g,h,i)perylene	26.62	276	941182	7.888 ng	99

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

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