Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061620\
Data File : BP002416.D
Acq On : 16 Jun 2020 15:36
Operator : CG/JU
Sample : L2182-09
Misc : MDL-MDL-WTR-8PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2020

Manual Integrations APPROVED
mohammad
6/18/2020 11:52:10 AM

Quant Time: Jun 16 16:13:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 15:08:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	163808	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	647316	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	396964	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	845870	20.00	ng	0.00
76) Chrysene-d12	21.10	240	817521	20.00	ng	-0.01
86) Perylene-d12	23.29	264	902778	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1504948	170.00	ng	0.00
7) Phenol-d6	6.78	99	2049780	173.91	ng	0.00
23) Nitrobenzene-d5	8.73	82	1388231	128.07	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	715987	188.39	ng	0.00
45) 2-Fluorobiphenyl	12.86	172	2758483	116.84	ng	0.00
79) Terphenyl-d14	19.59	244	3710642	118.93	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	36946	9.060	ng	99
3) Pyridine	3.55	79	88301	7.967	ng	98
4) n-Nitrosodimethylamine	3.46	42	37476	8.205	ng	98
6) Aniline	6.92	93	140164	8.744	ng	99
8) 2-Chlorophenol	7.16	128	85454	8.585	ng	98
9) Benzaldehyde	6.73	77	82861	13.760	ng	97
10) Phenol	6.80	94	112422	8.795	ng	93
11) bis(2-Chloroethyl)ether	7.02	93	92382	8.656	ng	97
12) 1,3-Dichlorobenzene	7.48	146	94763	8.268	ng	97
13) 1,4-Dichlorobenzene	7.62	146	95933	8.319	ng	99
14) 1,2-Dichlorobenzene	7.93	146	93052	8.424	ng	97
15) Benzyl Alcohol	7.83	79	69065	7.560	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.12	45	127690	8.432	ng	99
17) 2-Methylphenol	8.03	107	70845	7.585	ng	97
18) Hexachloroethane	8.66	117	34402	8.189	ng	97
19) n-Nitroso-di-n-propylamine	8.39	70	68866	8.741	ng	98
20) 3+4-Methylphenols	8.36	107	94279	7.479	ng	97
22) Acetophenone	8.40	105	139877	9.618	ng	99
24) Nitrobenzene	8.77	77	110545	9.487	ng	96
25) Isophorone	9.29	82	191634	8.681	ng	97
26) 2-Nitrophenol	9.48	139	39578	7.623	ng	94
27) 2,4-Dimethylphenol	9.56	122	61549	7.556	ng	94
28) bis(2-Chloroethoxy)methane	9.79	93	123247	9.373	ng	99
29) 2,4-Dichlorophenol	10.02	162	73882	8.058	ng	98
30) 1,2,4-Trichlorobenzene	10.23	180	89556	8.762	ng	97
31) Naphthalene	10.41	128	278709	9.268	ng	99
32) Benzoic acid	9.63	122	13970m	2.254	ng	
33) 4-Chloroaniline	10.52	127	107706	8.204	ng	98
34) Hexachlorobutadiene	10.72	225	49440	8.289	ng	93
35) Caprolactam	11.26	113	25185	7.788	ng	91
36) 4-Chloro-3-methylphenol	11.66	107	80774	8.142	ng	95
37) 2-Methylnaphthalene	12.03	142	199094	9.327	ng	96
38) 1-Methylnaphthalene	12.25	142	186282	9.298	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.41	216	98176	9.382	ng	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	35397	6.363 ng	97
43) 2,4,6-Trichlorophenol	12.66	196	57374	7.747 ng	98
44) 2,4,5-Trichlorophenol	12.73	196	61155	7.131 ng	96
46) 1,1'-Biphenyl	13.06	154	261992	10.070 ng	99
47) 2-Chloronaphthalene	13.10	162	191025	8.976 ng	99
48) 2-Nitroaniline	13.30	65	48747	7.176 ng	94
49) Acenaphthylene	13.95	152	301606	8.880 ng	99
50) Dimethylphthalate	13.70	163	235036	8.641 ng	100
51) 2,6-Dinitrotoluene	13.80	165	47580	8.055 ng	94
52) Acenaphthene	14.30	154	184338	9.264 ng	99
53) 3-Nitroaniline	14.13	138	46592	6.908 ng	97
54) 2,4-Dinitrophenol	14.35	184	13923	4.297 ng	94
55) Dibenzofuran	14.64	168	303065	9.460 ng	99
56) 4-Nitrophenol	14.46	139	33845	6.320 ng	96
57) 2,4-Dinitrotoluene	14.60	165	59337	7.380 ng	98
58) Fluorene	15.29	166	230822	9.160 ng	98
59) 2,3,4,6-Tetrachlorophenol	14.87	232	53493	7.858 ng	97
60) Diethylphthalate	15.08	149	232629	8.536 ng	99
61) 4-Chlorophenyl-phenylether	15.29	204	118494	9.701 ng	97
62) 4-Nitroaniline	15.30	138	47749	7.368 ng	96
63) Azobenzene	15.59	77	251070	9.255 ng	96
65) 4,6-Dinitro-2-methylphenol	15.37	198	27723	6.211 ng	90
66) n-Nitrosodiphenylamine	15.51	169	203656	9.425 ng	97
67) 4-Bromophenyl-phenylether	16.19	248	69849	8.717 ng	93
68) Hexachlorobenzene	16.30	284	76319	8.976 ng	97
69) Atrazine	16.47	200	71148	10.093 ng	99
70) Pentachlorophenol	16.65	266	31694	6.230 ng	99
71) Phenanthrene	17.03	178	379058	9.580 ng	99
72) Anthracene	17.13	178	371873	9.461 ng	97
73) Carbazole	17.40	167	342163	8.849 ng	98
74) Di-n-butylphthalate	17.99	149	363312	7.939 ng	98
75) Fluoranthene	19.02	202	438734	9.289 ng	98
77) Benzidine	19.20	184	175006	9.580 ng	99
78) Pyrene	19.37	202	463810	9.262 ng	98
80) Butylbenzylphthalate	20.27	149	148339	6.664 ng	97
81) Benzo(a)anthracene	21.08	228	446296	9.564 ng	99
82) 3,3'-Dichlorobenzidine	21.02	252	154300	8.897 ng	99
83) Chrysene	21.13	228	436015	9.862 ng	97
84) Bis(2-ethylhexyl)phthalate	21.04	149	252487	7.798 ng	100
85) Di-n-octyl phthalate	21.90	149	404275	7.118 ng	98
87) Indeno(1,2,3-cd)pyrene	25.50	276	484252	8.576 ng	98
88) Benzo(b)fluoranthene	22.64	252	408840	8.398 ng	99
89) Benzo(k)fluoranthene	22.68	252	446807	9.659 ng	97
90) Benzo(a)pyrene	23.20	252	378186	8.289 ng	97
91) Dibenzo(a,h)anthracene	25.52	278	404242	8.925 ng	96
92) Benzo(g,h,i)perylene	26.17	276	407663	8.690 ng	97

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

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