Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061020\
Data File : BP002385.D
Acq On : 10 Jun 2020 21:07
Operator : CG/JU
Sample : L1161-07
Misc : LOD-MDL-W-5PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Manual Integrations APPROVED
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6/11/2020 1:49:41 PM

Quant Time: Jun 11 05:13:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 03:54:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	180046	20.00	ng		0.00
21) Naphthalene-d8	10.36	136	692197	20.00	ng		0.00
39) Acenaphthene-d10	14.23	164	449222	20.00	ng		0.00
64) Phenanthrene-d10	16.99	188	1011767	20.00	ng		0.00
76) Chrysene-d12	21.10	240	1040605	20.00	ng		-0.01
86) Perylene-d12	23.29	264	1202128	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1516702	155.88	ng		0.00
7) Phenol-d6	6.78	99	1990258	153.63	ng		0.00
23) Nitrobenzene-d5	8.73	82	1324710	114.29	ng		0.00
42) 2,4,6-Tribromophenol	15.74	330	998693	232.20	ng		0.00
45) 2-Fluorobiphenyl	12.86	172	3035653	113.62	ng		0.00
79) Terphenyl-d14	19.59	244	4642437	116.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	23980	5.350	ng		96
3) Pyridine	3.55	79	51802	4.252	ng		96
4) n-Nitrosodimethylamine	3.47	42	21146	4.212	ng	#	93
6) Aniline	6.92	93	86321	4.900	ng		99
8) 2-Chlorophenol	7.16	128	55423	5.066	ng		97
9) Benzaldehyde	6.73	77	52093	7.871	ng		96
10) Phenol	6.80	94	69417	4.941	ng		98
11) bis(2-Chloroethyl)ether	7.03	93	56617	4.826	ng		99
12) 1,3-Dichlorobenzene	7.48	146	63202	5.017	ng		96
13) 1,4-Dichlorobenzene	7.63	146	64550	5.093	ng		97
14) 1,2-Dichlorobenzene	7.94	146	62703	5.164	ng		97
15) Benzyl Alcohol	7.83	79	41703	4.153	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.13	45	75223	4.519	ng		99
17) 2-Methylphenol	8.04	107	43863	4.272	ng		98
18) Hexachloroethane	8.66	117	22719	4.920	ng		98
19) n-Nitroso-di-n-propylamine	8.39	70	41898	4.839	ng		100
20) 3+4-Methylphenols	8.36	107	58116	4.194	ng		97
22) Acetophenone	8.40	105	86768	5.579	ng	#	98
24) Nitrobenzene	8.77	77	67717	5.435	ng		98
25) Isophorone	9.30	82	115950	4.912	ng		99
26) 2-Nitrophenol	9.49	139	24518	4.416	ng		97
27) 2,4-Dimethylphenol	9.56	122	30101	3.456	ng		97
28) bis(2-Chloroethoxy)methane	9.79	93	73892	5.255	ng		97
29) 2,4-Dichlorophenol	10.02	162	48298	4.926	ng		96
30) 1,2,4-Trichlorobenzene	10.23	180	63192	5.782	ng		96
31) Naphthalene	10.41	128	179110	5.570	ng		99
32) Benzoic acid	9.64	122	5539m	0.836	ng		
33) 4-Chloroaniline	10.53	127	69288	4.935	ng		98
34) Hexachlorobutadiene	10.72	225	36801	5.770	ng		99
35) Caprolactam	11.26	113	15484	4.478	ng		94
36) 4-Chloro-3-methylphenol	11.66	107	48855	4.605	ng		93
37) 2-Methylnaphthalene	12.03	142	131286	5.752	ng		99
38) 1-Methylnaphthalene	12.26	142	124545	5.813	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.42	216	73817	6.234	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	28138	4.470 ng	96
43) 2,4,6-Trichlorophenol	12.66	196	39670	4.734 ng	97
44) 2,4,5-Trichlorophenol	12.73	196	42071	4.335 ng	94
46) 1,1'-Biphenyl	13.06	154	178423	6.060 ng	98
47) 2-Chloronaphthalene	13.10	162	132436	5.499 ng	98
48) 2-Nitroaniline	13.30	65	28494	3.706 ng	97
49) Acenaphthylene	13.95	152	207928	5.410 ng	99
50) Dimethylphthalate	13.70	163	163448	5.310 ng	98
51) 2,6-Dinitrotoluene	13.81	165	30614	4.580 ng	98
52) Acenaphthene	14.30	154	123908	5.503 ng	96
53) 3-Nitroaniline	14.14	138	29253	3.832 ng	97
54) 2,4-Dinitrophenol	14.36	184	7444	2.030 ng	99
55) Dibenzofuran	14.64	168	211000	5.820 ng	98
56) 4-Nitrophenol	14.46	139	19839	3.274 ng	97
57) 2,4-Dinitrotoluene	14.60	165	37657	4.139 ng	96
58) Fluorene	15.29	166	163597	5.737 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.87	232	41376	5.371 ng	92
60) Diethylphthalate	15.08	149	158634	5.143 ng	99
61) 4-Chlorophenyl-phenylether	15.30	204	89476	6.473 ng	94
62) 4-Nitroaniline	15.31	138	29031	3.958 ng	98
63) Azobenzene	15.59	77	153562	5.002 ng	99
65) 4,6-Dinitro-2-methylphenol	15.37	198	17697	3.315 ng	98
66) n-Nitrosodiphenylamine	15.51	169	144288	5.583 ng	98
67) 4-Bromophenyl-phenylether	16.19	248	55604	5.801 ng	93
68) Hexachlorobenzene	16.30	284	67347	6.622 ng	94
69) Atrazine	16.47	200	52561	6.234 ng	97
70) Pentachlorophenol	16.66	266	22938	3.770 ng	96
71) Phenanthrene	17.03	178	275681	5.825 ng	100
72) Anthracene	17.13	178	263086	5.596 ng	97
73) Carbazole	17.40	167	237660	5.138 ng	98
74) Di-n-butylphthalate	17.99	149	249284	4.554 ng	98
75) Fluoranthene	19.02	202	320218	5.668 ng	97
77) Benzidine	19.20	184	126447	5.438 ng	99
78) Pyrene	19.37	202	342043	5.366 ng	99
80) Butylbenzylphthalate	20.27	149	104913	3.703 ng	95
81) Benzo(a)anthracene	21.08	228	339923	5.723 ng	99
82) 3,3'-Dichlorobenzidine	21.02	252	119714	5.423 ng	98
83) Chrysene	21.13	228	338805	6.021 ng	96
84) Bis(2-ethylhexyl)phthalate	21.04	149	173338	4.206 ng	99
85) Di-n-octyl phthalate	21.90	149	277187	3.834 ng	99
87) Indeno(1,2,3-cd)pyrene	25.50	276	403047	5.360 ng	97
88) Benzo(b)fluoranthene	22.64	252	332922	5.136 ng	99
89) Benzo(k)fluoranthene	22.68	252	356680	5.791 ng	99
90) Benzo(a)pyrene	23.20	252	303161	4.990 ng	98
91) Dibenzo(a,h)anthracene	25.52	278	337935	5.603 ng	98
92) Benzo(g,h,i)perylene	26.17	276	338244	5.415 ng	95

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

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