Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP110819\
Data File : BP001011.D
Acq On : 08 Nov 2019 10:45
Operator : JU
Sample : K5111-09
Misc : MDL-MDL-W-8PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MDL-MDL-WATER-03-QT4-2019

Quant Time: Nov 08 11:25:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 17:07:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	204583	20.00	ng		0.00
21) Naphthalene-d8	10.40	136	772137	20.00	ng		0.00
39) Acenaphthene-d10	13.26	164	469832	20.00	ng		0.00
64) Phenanthrene-d10	15.66	188	986548	20.00	ng		0.00
76) Chrysene-d12	19.29	240	880224	20.00	ng		0.00
87) Perylene-d12	21.07	264	967980	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.30	112	1576795	140.29	ng		0.00
7) Phenol-d6	7.82	99	1977221	139.11	ng		0.00
23) Nitrobenzene-d5	9.25	82	1465020	104.96	ng		0.00
42) 2,4,6-Tribromophenol	14.56	330	818729	145.97	ng		0.00
45) 2-Fluorobiphenyl	12.18	172	3185571	102.12	ng		0.00
79) Terphenyl-d14	17.94	244	4288643	96.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	32836	6.719	ng		98
3) Pyridine	3.75	79	71245	5.514	ng		99
4) n-Nitrosodimethylamine	3.59	42	28938	6.426	ng	#	99
6) Aniline	7.86	93	147258	7.933	ng		99
8) 2-Chlorophenol	8.04	128	95467	8.010	ng		98
9) Benzaldehyde	7.68	77	85315	8.603	ng		95
10) Phenol	7.83	94	127868	8.225	ng		99
11) bis(2-Chloroethyl)ether	7.98	93	93055	7.689	ng		99
12) 1,3-Dichlorobenzene	8.28	146	114757	7.674	ng		97
13) 1,4-Dichlorobenzene	8.40	146	117367	7.792	ng		99
14) 1,2-Dichlorobenzene	8.64	146	108435	7.785	ng		99
15) Benzyl Alcohol	8.60	79	108561	10.023	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.83	45	90884	7.191	ng		96
17) 2-Methylphenol	8.78	107	80219	7.927	ng		98
18) Hexachloroethane	9.18	117	41132	7.435	ng		93
19) n-Nitroso-di-n-propylamine	9.03	70	66876	7.836	ng		98
20) 3+4-Methylphenols	9.02	107	102921	8.198	ng	#	81
22) Acetophenone	9.01	105	148410	7.442	ng	#	99
24) Nitrobenzene	9.28	77	111233	7.942	ng		99
25) Isophorone	9.67	82	192500	7.493	ng		99
26) 2-Nitrophenol	9.79	139	32853	6.277	ng		96
27) 2,4-Dimethylphenol	9.88	122	83390	8.508	ng		97
28) bis(2-Chloroethoxy)methane	10.04	93	119962	7.141	ng		98
29) 2,4-Dichlorophenol	10.17	162	84546	7.147	ng		98
30) 1,2,4-Trichlorobenzene	10.32	180	108111	7.439	ng		100
31) Naphthalene	10.43	128	304502	7.893	ng		99
32) Benzoic acid	9.96	122	11111	2.094	ng		94
33) 4-Chloroaniline	10.53	127	123335	7.456	ng		99
34) Hexachlorobutadiene	10.66	225	70381	7.330	ng		97
35) Caprolactam	11.05	113	24079	6.449	ng		98
36) 4-Chloro-3-methylphenol	11.32	107	92039	7.492	ng		95
37) 2-Methylnaphthalene	11.56	142	217602	8.059	ng		99
38) 1-Methylnaphthalene	11.72	142	205992	8.074	ng		99
40) 1,2,4,5-Tetrachlorobenzene	11.84	216	121094	7.740	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.84	237	62672	7.997 ng	97
43) 2,4,6-Trichlorophenol	12.03	196	61436	6.513 ng	98
44) 2,4,5-Trichlorophenol	12.07	196	73784	7.316 ng	97
46) 1,1'-Biphenyl	12.33	154	281238	8.006 ng	100
47) 2-Chloronaphthalene	12.36	162	213460	7.548 ng	98
48) 2-Nitroaniline	12.52	65	45710	6.175 ng	98
49) Acenaphthylene	13.03	152	340784	7.926 ng	100
50) Dimethylphthalate	12.85	163	267231	7.692 ng	99
51) 2,6-Dinitrotoluene	12.93	165	52199	7.203 ng	96
52) Acenaphthene	13.32	154	193933	7.542 ng	97
53) 3-Nitroaniline	13.19	138	50206	6.352 ng	98
54) 2,4-Dinitrophenol	13.36	184	6728	3.766 ng	96
55) Dibenzofuran	13.60	168	327843	8.162 ng	99
56) 4-Nitrophenol	13.46	139	32678	5.945 ng	96
57) 2,4-Dinitrotoluene	13.58	165	59350	6.520 ng	95
58) Fluorene	14.16	166	255137	7.982 ng	100
59) 2,3,4,6-Tetrachlorophenol	13.80	232	52139	6.080 ng	97
60) Diethylphthalate	14.02	149	255565	7.323 ng	100
61) 4-Chlorophenyl-phenylether	14.18	204	136335	8.067 ng	99
62) 4-Nitroaniline	12.52	138	49729	5.868 ng	98
63) Azobenzene	14.44	77	230160	7.536 ng	99
65) 4,6-Dinitro-2-methylphenol	14.25	198	13950	5.012 ng	98
66) n-Nitrosodiphenylamine	14.37	169	221862	7.822 ng	99
67) 4-Bromophenyl-phenylether	14.98	248	86020	7.407 ng	95
68) Hexachlorobenzene	15.06	284	102608	7.624 ng	98
69) Atrazine	15.25	200	67512	6.537 ng	99
70) Pentachlorophenol	15.37	266	29295	4.890 ng	97
71) Phenanthrene	15.69	178	402118	7.964 ng	99
72) Anthracene	15.77	178	399945	8.120 ng	99
73) Carbazole	16.01	167	350864	7.769 ng	99
74) Di-n-butylphthalate	16.57	149	355295	6.519 ng	100
75) Fluoranthene	17.40	202	449481	7.876 ng	100
77) Benzidine	17.59	184	185217	5.714 ng	97
78) Pyrene	17.70	202	474477	7.627 ng	100
80) Butylbenzylphthalate	18.59	149	125067	5.078 ng	98
81) Benzo(a)anthracene	19.28	228	438102	7.390 ng	99
82) 3,3'-Dichlorobenzidine	19.25	252	151596	7.014 ng	95
83) Chrysene	19.32	228	422247	8.113 ng	99
84) Bis(2-ethylhexyl)phthalate	19.34	149	195257	6.235 ng	98
85) Di-n-octyl phthalate	20.12	149	279646	4.960 ng	100
86) Indeno(1,2,3-cd)pyrene	22.73	276	462578	6.496 ng	99
88) Benzo(b)fluoranthene	20.58	252	430204	7.456 ng	99
89) Benzo(k)fluoranthene	20.62	252	425070	7.826 ng	98
90) Benzo(a)pyrene	21.00	252	376044	7.088 ng	100
91) Dibenzo(a,h)anthracene	22.76	278	394630	7.288 ng	99
92) Benzo(g,h,i)perylene	23.23	276	396622	7.274 ng	97

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

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