Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061219\
Data File : BF114985.D
Acq On : 12 Jun 2019 19:56
Operator : HP/JU
Sample : K2241-09
Misc : MDL-WATER-8PPM
ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Jun 13 11:32:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 10:54:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	282236	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	1103858	20.00	ng		0.00
39) Acenaphthene-d10	9.67	164	551932	20.00	ng		0.00
64) Phenanthrene-d10	11.15	188	1098303	20.00	ng		0.00
76) Chrysene-d12	13.77	240	826652	20.00	ng		-0.01
87) Perylene-d12	15.14	264	804775	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	1723749	101.98	ng		0.00
7) Phenol-d6	6.29	99	2136355	104.78	ng		0.00
23) Nitrobenzene-d5	7.21	82	1302287	71.01	ng		0.00
42) 2,4,6-Tribromophenol	10.46	330	653532	110.57	ng		0.00
45) 2-Fluorobiphenyl	9.00	172	2391064	73.42	ng		0.00
79) Terphenyl-d14	12.73	244	2758060	62.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.27	88	57255	7.237	ng		97
3) Pyridine	3.01	79	132831	5.963	ng		99
4) n-Nitrosodimethylamine	2.87	42	52413	6.628	ng		98
6) Aniline	6.31	93	208452	7.634	ng	#	82
8) 2-Chlorophenol	6.43	128	147949	7.719	ng		99
9) Benzaldehyde	6.19	77	117112	9.991	ng		100
10) Phenol	6.30	94	177609	7.786	ng		85
11) bis(2-Chloroethyl)ether	6.39	93	134547	7.599	ng		98
12) 1,3-Dichlorobenzene	6.59	146	168577	7.530	ng		99
13) 1,4-Dichlorobenzene	6.66	146	172877	7.681	ng		98
14) 1,2-Dichlorobenzene	6.82	146	161544	7.624	ng		97
15) Benzyl Alcohol	6.79	79	130638	8.552	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.93	45	178723	7.542	ng		99
17) 2-Methylphenol	6.91	107	121371	7.592	ng		97
18) Hexachloroethane	7.16	117	57984	7.134	ng		92
19) n-Nitroso-di-n-propylamine	7.06	70	98021	7.913	ng		98
20) 3+4-Methylphenols	7.06	107	155016	8.148	ng		98
22) Acetophenone	7.06	105	211391	8.460	ng	#	96
24) Nitrobenzene	7.23	77	151463	8.117	ng		98
25) Isophorone	7.46	82	272092	7.922	ng		96
26) 2-Nitrophenol	7.55	139	77507	7.452	ng		98
27) 2,4-Dimethylphenol	7.59	122	114800	7.652	ng		94
28) bis(2-Chloroethoxy)methane	7.68	93	171702	7.792	ng		99
29) 2,4-Dichlorophenol	7.79	162	126131	7.958	ng		98
30) 1,2,4-Trichlorobenzene	7.87	180	143372	7.829	ng		98
31) Naphthalene	7.95	128	455174	8.715	ng		98
32) Benzoic acid	7.67	122	58080	5.350	ng		99
33) 4-Chloroaniline	8.00	127	191274	7.934	ng		97
34) Hexachlorobutadiene	8.07	225	76399	7.505	ng		99
35) Caprolactam	8.33	113	40034	7.584	ng		98
36) 4-Chloro-3-methylphenol	8.48	107	129557	8.111	ng		97
37) 2-Methylnaphthalene	8.64	142	312632	8.975	ng		98
38) 1-Methylnaphthalene	8.73	142	290745	8.831	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.80	216	135463	8.307	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	41557	5.172	ng		97
43) 2,4,6-Trichlorophenol	8.92	196	89196	7.324	ng		97
44) 2,4,5-Trichlorophenol	8.96	196	96097	7.808	ng		97
46) 1,1'-Biphenyl	9.10	154	382578	8.650	ng		95
47) 2-Chloronaphthalene	9.12	162	287892	8.049	ng		99
48) 2-Nitroaniline	9.22	65	74520	7.049	ng		98
49) Acenaphthylene	9.53	152	474228	8.624	ng		96
50) Dimethylphthalate	9.40	163	333153	8.026	ng		99
51) 2,6-Dinitrotoluene	9.46	165	72480	7.698	ng	#	86
52) Acenaphthene	9.70	154	270889	8.610	ng		97
53) 3-Nitroaniline	9.62	138	84818	7.352	ng		100
54) 2,4-Dinitrophenol	9.73	184	23172	5.074	ng		95
55) Dibenzofuran	9.87	168	414759	8.747	ng		95
56) 4-Nitrophenol	9.79	139	54835	6.893	ng		98
57) 2,4-Dinitrotoluene	9.86	165	98970	8.259	ng		99
58) Fluorene	10.22	166	318736	9.191	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.00	232	79489	7.995	ng		100
60) Diethylphthalate	10.10	149	327393	8.249	ng		97
61) 4-Chlorophenyl-phenylether	10.22	204	152734	8.922	ng		94
62) 4-Nitroaniline	10.23	138	83953	7.238	ng		96
63) Azobenzene	10.37	77	293079	8.441	ng		97
65) 4,6-Dinitro-2-methylphenol	10.27	198	40651	6.604	ng		85
66) n-Nitrosodiphenylamine	10.33	169	279959	8.527	ng		97
67) 4-Bromophenyl-phenylether	10.70	248	94098	7.979	ng		93
68) Hexachlorobenzene	10.77	284	102431	7.890	ng	#	91
69) Atrazine	10.86	200	87563	8.272	ng		97
70) Pentachlorophenol	10.96	266	44959	6.377	ng		100
71) Phenanthrene	11.17	178	494577	8.722	ng		97
72) Anthracene	11.22	178	502501	8.784	ng		97
73) Carbazole	11.37	167	451337	9.039	ng		96
74) Di-n-butylphthalate	11.72	149	540331	8.584	ng		97
75) Fluoranthene	12.35	202	518231	8.937	ng		96
77) Benzidine	12.47	184	244677	7.318	ng		99
78) Pyrene	12.57	202	536021	7.118	ng		98
80) Butylbenzylphthalate	13.20	149	229732	6.531	ng		97
81) Benzo(a)anthracene	13.76	228	456991	7.387	ng		99
82) 3,3'-Dichlorobenzidine	13.72	252	173866	7.331	ng	#	98
83) Chrysene	13.79	228	445604	7.244	ng		98
84) Bis(2-ethylhexyl)phthalate	13.77	149	296895	7.142	ng		98
85) Di-n-octyl phthalate	14.37	149	530027	7.404	ng		99
86) Indeno(1,2,3-cd)pyrene	16.43	276	358877	6.642	ng		99
88) Benzo(b)fluoranthene	14.76	252	425112	7.946	ng		98
89) Benzo(k)fluoranthene	14.79	252	385567	8.211	ng		98
90) Benzo(a)pyrene	15.09	252	371301	8.043	ng		98
91) Dibenzo(a,h)anthracene	16.45	278	301902	7.594	ng		99
92) Benzo(g,h,i)perylene	16.82	276	286809	7.074	ng		99

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

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