Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021422\
Data File : BG052385.D
Acq On : 14 Feb 2022 16:00
Operator : CG/JU
Sample : M4068-09
Misc : MDL-MDL-WATER 4PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2021

Quant Time: Feb 14 16:50:49 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 14 14:37:39 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.224	152	22326	20.000	ng		0.00
21) Naphthalene-d8	11.062	136	93242	20.000	ng		0.00
39) Acenaphthene-d10	14.868	164	68189	20.000	ng		0.00
64) Phenanthrene-d10	17.618	188	170959	20.000	ng		0.00
76) Chrysene-d12	21.935	240	191237	20.000	ng		0.00
86) Perylene-d12	25.401	264	189815	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.751	112	217878	170.085	ng		0.00
7) Phenol-d6	7.367	99	315938	159.847	ng		0.00
23) Nitrobenzene-d5	9.393	82	190342	88.721	ng		0.00
42) 2,4,6-Tribromophenol	16.360	330	168106	171.599	ng		0.00
45) 2-Fluorobiphenyl	13.494	172	462762	94.300	ng		0.00
79) Terphenyl-d14	20.214	244	964668	89.077	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.584	88	2562	4.343	ng		87
3) Pyridine	4.013	79	6219	3.635	ng		98
4) n-Nitrosodimethylamine	3.901	42	3361	3.805	ng	#	84
6) Aniline	7.537	93	10059	4.381	ng		97
8) 2-Chlorophenol	7.784	128	5378	3.816	ng		94
9) Benzaldehyde	7.343	77	7083	5.838	ng		90
10) Phenol	7.396	94	7880	4.013	ng		92
11) bis(2-Chloroethyl)ether	7.625	93	6132	4.085	ng		98
12) 1,3-Dichlorobenzene	8.113	146	6403	3.988	ng		92
13) 1,4-Dichlorobenzene	8.260	146	6903m	4.217	ng		
14) 1,2-Dichlorobenzene	8.589	146	6508m	4.032	ng		
15) Benzyl Alcohol	8.459	79	5685	3.466	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.747	45	8545	3.942	ng		93
17) 2-Methylphenol	8.665	107	5152	3.976	ng		94
18) Hexachloroethane	9.329	117	2348	4.126	ng		90
19) n-Nitroso-di-n-propyla...	9.029	70	5672	3.807	ng	#	83
20) 3+4-Methylphenols	9.000	107	7269	3.921	ng		95
22) Acetophenone	9.053	105	10613	4.307	ng	#	94
24) Nitrobenzene	9.435	77	8687	4.269	ng	#	89
25) Isophorone	9.963	82	15270	4.183	ng		97
26) 2-Nitrophenol	10.163	139	3403	3.945	ng	#	66
27) 2,4-Dimethylphenol	10.210	122	5762	4.512	ng		90
28) bis(2-Chloroethoxy)met...	10.445	93	7940	3.833	ng	#	90
29) 2,4-Dichlorophenol	10.709	162	5831	3.809	ng		87
30) 1,2,4-Trichlorobenzene	10.927	180	7167	4.009	ng		93
31) Naphthalene	11.115	128	21240	4.345	ng		95
32) Benzoic acid	10.351	122	626	0.835	ng	#	84
33) 4-Chloroaniline	11.220	127	7858	3.850	ng		90
34) Hexachlorobutadiene	11.397	225	4638	3.842	ng		91
35) Caprolactam	11.961	113	1834	3.288	ng	#	63
36) 4-Chloro-3-methylphenol	12.331	107	6521	3.744	ng	#	93
37) 2-Methylnaphthalene	12.707	142	14705	4.050	ng		98
38) 1-Methylnaphthalene	12.924	142	15649	4.448	ng	#	99
40) 1,2,4,5-Tetrachloroben...	13.077	216	9572	4.268	ng		96
41) Hexachlorocyclopentadiene	13.053	237	1674	1.768	ng		82
43) 2,4,6-Trichlorophenol	13.312	196	5147	3.509	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.394	196	5186	3.262	ng	#	85
46) 1,1'-Biphenyl	13.705	154	21728	4.345	ng		93
47) 2-Chloronaphthalene	13.752	162	16348	4.244	ng		95
48) 2-Nitroaniline	13.946	65	5129	3.740	ng		95
49) Acenaphthylene	14.592	152	27326	4.358	ng		96
50) Dimethylphthalate	14.304	163	21993	4.210	ng	#	99
51) 2,6-Dinitrotoluene	14.428	165	5001	4.437	ng	#	89
52) Acenaphthene	14.933	154	15575	3.792	ng		96
53) 3-Nitroaniline	14.763	138	4263	3.638	ng		93
54) 2,4-Dinitrophenol	14.986	184	350	0.573	ng	#	45
55) Dibenzofuran	15.268	168	26642	4.125	ng		96
56) 4-Nitrophenol	15.080	139	2855	3.245	ng	#	69
57) 2,4-Dinitrotoluene	15.215	165	6341	3.952	ng	#	92
58) Fluorene	15.914	166	21893	4.246	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.497	232	5366	3.534	ng	#	96
60) Diethylphthalate	15.661	149	22326	4.231	ng	#	94
61) 4-Chlorophenyl-phenyle...	15.896	204	12516	4.261	ng		96
62) 4-Nitroaniline	15.920	138	4675	3.790	ng	#	77
63) Azobenzene	16.190	77	21698	4.017	ng		94
65) 4,6-Dinitro-2-methylph...	15.990	198	2110	2.052	ng		85
66) n-Nitrosodiphenylamine	16.108	169	19053	4.045	ng		98
67) 4-Bromophenyl-phenylether	16.795	248	8326	4.005	ng		97
68) Hexachlorobenzene	16.924	284	9492	4.209	ng	#	84
69) Atrazine	17.048	200	7424	3.898	ng		97
70) Pentachlorophenol	17.271	266	2101m	1.905	ng		
71) Phenanthrene	17.659	178	37493	4.254	ng		98
72) Anthracene	17.753	178	37625	4.357	ng		96
73) Carbazole	18.023	167	33730	4.005	ng		97
74) Di-n-butylphthalate	18.558	149	38184	4.161	ng		97
75) Fluoranthene	19.662	202	48531	4.325	ng		97
77) Benzidine	19.832	184	21416	5.241	ng		96
78) Pyrene	20.026	202	50612	3.955	ng		97
80) Butylbenzylphthalate	20.896	149	16898	3.802	ng		90
81) Benzo(a)anthracene	21.912	228	52940	4.183	ng		97
82) 3,3'-Dichlorobenzidine	21.818	252	17581	3.980	ng	#	97
83) Chrysene	21.982	228	47842	3.990	ng		98
84) Bis(2-ethylhexyl)phtha...	21.788	149	23840	3.868	ng	#	99
85) Di-n-octyl phthalate	23.081	149	40987	3.966	ng		96
87) Indeno(1,2,3-cd)pyrene	29.402	276	51927	3.738	ng	#	81
88) Benzo(b)fluoranthene	24.291	252	51883	4.386	ng		97
89) Benzo(k)fluoranthene	24.361	252	47953m	4.104	ng		
90) Benzo(a)pyrene	25.237	252	47902	4.794	ng	#	98
91) Dibenzo(a,h)anthracene	29.466	278	45921	4.002	ng	#	95
92) Benzo(g,h,i)perylene	30.659	276	44363m	3.940	ng		

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

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