Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021422\
Data File : BG052383.D
Acq On : 14 Feb 2022 14:43
Operator : CG/JU
Sample : M4068-09
Misc : MDL-MDL-WATER 8PPM
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Feb 14 15:22:04 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	8.222	152	22764	20.000	ng		0.00
21) Naphthalene-d8	11.065	136	93814	20.000	ng	#	0.00
39) Acenaphthene-d10	14.872	164	69533	20.000	ng		0.00
64) Phenanthrene-d10	17.615	188	171224	20.000	ng		0.00
76) Chrysene-d12	21.933	240	187535	20.000	ng	#	0.00
86) Perylene-d12	25.399	264	189736	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.755	112	212087	162.378	ng		0.00
7) Phenol-d6	7.370	99	313873	155.746	ng		0.00
23) Nitrobenzene-d5	9.397	82	186402	86.354	ng		0.00
42) 2,4,6-Tribromophenol	16.358	330	164327	164.499	ng		0.00
45) 2-Fluorobiphenyl	13.491	172	449328	89.793	ng		0.00
79) Terphenyl-d14	20.212	244	938057	88.329	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.581	88	5380	8.945	ng	#	85
3) Pyridine	4.004	79	13139	7.533	ng	#	86
4) n-Nitrosodimethylamine	3.904	42	6486	7.201	ng	#	81
6) Aniline	7.535	93	19997	8.541	ng		96
8) 2-Chlorophenol	7.781	128	11461	7.977	ng		89
9) Benzaldehyde	7.347	77	13227m	10.692	ng		
10) Phenol	7.399	94	15186	7.584	ng		92
11) bis(2-Chloroethyl)ether	7.629	93	12243	7.999	ng		86
12) 1,3-Dichlorobenzene	8.116	146	13673	8.352	ng		93
13) 1,4-Dichlorobenzene	8.257	146	13871	8.311	ng		87
14) 1,2-Dichlorobenzene	8.586	146	13033	7.918	ng		96
15) Benzyl Alcohol	8.457	79	12522	7.487	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.745	45	17224	7.793	ng		94
17) 2-Methylphenol	8.668	107	9640	7.296	ng		94
18) Hexachloroethane	9.332	117	4757	8.197	ng		89
19) n-Nitroso-di-n-propyla...	9.027	70	11740	7.727	ng	#	88
20) 3+4-Methylphenols	8.991	107	14184	7.503	ng		89
22) Acetophenone	9.044	105	19789	7.981	ng	#	92
24) Nitrobenzene	9.438	77	16735	8.173	ng	#	86
25) Isophorone	9.961	82	31829	8.666	ng		99
26) 2-Nitrophenol	10.155	139	7002	8.068	ng	#	83
27) 2,4-Dimethylphenol	10.213	122	12253	9.536	ng		88
28) bis(2-Chloroethoxy)met...	10.442	93	17490	8.391	ng		91
29) 2,4-Dichlorophenol	10.707	162	11747	7.627	ng		93
30) 1,2,4-Trichlorobenzene	10.924	180	15126	8.410	ng	#	90
31) Naphthalene	11.112	128	42728	8.688	ng	#	94
32) Benzoic acid	10.325	122	3258m	4.317	ng		
33) 4-Chloroaniline	11.218	127	16685	8.126	ng	#	92
34) Hexachlorobutadiene	11.394	225	9591	7.896	ng		97
35) Caprolactam	11.958	113	4409	7.855	ng	#	72
36) 4-Chloro-3-methylphenol	12.328	107	13154	7.507	ng		95
37) 2-Methylnaphthalene	12.710	142	30666	8.395	ng		98
38) 1-Methylnaphthalene	12.927	142	30000m	8.475	ng		
40) 1,2,4,5-Tetrachloroben...	13.080	216	18804	8.222	ng		99
41) Hexachlorocyclopentadiene	13.057	237	5150	5.333	ng		81
43) 2,4,6-Trichlorophenol	13.309	196	10647	7.118	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.386	196	12375	7.634	ng		87
46) 1,1'-Biphenyl	13.703	154	43231	8.479	ng		98
47) 2-Chloronaphthalene	13.750	162	32621	8.304	ng		98
48) 2-Nitroaniline	13.944	65	10300	7.365	ng		94
49) Acenaphthylene	14.590	152	54705	8.555	ng		98
50) Dimethylphthalate	14.302	163	41119	7.720	ng		96
51) 2,6-Dinitrotoluene	14.425	165	9400	8.178	ng		89
52) Acenaphthene	14.930	154	31842m	7.603	ng		
53) 3-Nitroaniline	14.766	138	9870	8.261	ng	#	80
54) 2,4-Dinitrophenol	14.977	184	1429	2.293	ng	#	84
55) Dibenzofuran	15.265	168	53376	8.105	ng		99
56) 4-Nitrophenol	15.089	139	6814m	7.594	ng		
57) 2,4-Dinitrotoluene	15.218	165	12630	7.720	ng	#	91
58) Fluorene	15.912	166	42685	8.119	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.494	232	10820	6.987	ng	#	99
60) Diethylphthalate	15.665	149	43101	8.010	ng		98
61) 4-Chlorophenyl-phenyle...	15.900	204	24175	8.072	ng		97
62) 4-Nitroaniline	15.923	138	10514	8.359	ng	#	79
63) Azobenzene	16.193	77	43556	7.907	ng		92
65) 4,6-Dinitro-2-methylph...	15.988	198	5244	5.091	ng		91
66) n-Nitrosodiphenylamine	16.111	169	38067	8.069	ng		93
67) 4-Bromophenyl-phenylether	16.799	248	16174	7.768	ng		95
68) Hexachlorobenzene	16.928	284	18294	8.100	ng	#	88
69) Atrazine	17.051	200	15274	8.008	ng		99
70) Pentachlorophenol	17.274	266	5645	5.109	ng	#	86
71) Phenanthrene	17.662	178	71302	8.078	ng		94
72) Anthracene	17.750	178	74508	8.614	ng		97
73) Carbazole	18.020	167	69988	8.296	ng	#	96
74) Di-n-butylphthalate	18.561	149	77612	8.444	ng		97
75) Fluoranthene	19.665	202	98353	8.751	ng		99
77) Benzidine	19.836	184	47190	11.776	ng		98
78) Pyrene	20.024	202	101401	8.081	ng		99
80) Butylbenzylphthalate	20.893	149	33920	7.782	ng		93
81) Benzo(a)anthracene	21.915	228	104264	8.402	ng		99
82) 3,3'-Dichlorobenzidine	21.815	252	37643	8.689	ng		98
83) Chrysene	21.980	228	98161	8.347	ng		96
84) Bis(2-ethylhexyl)phtha...	21.792	149	49830	8.244	ng		97
85) Di-n-octyl phthalate	23.084	149	83628	8.253	ng		96
87) Indeno(1,2,3-cd)pyrene	29.399	276	106882	7.698	ng	#	90
88) Benzo(b)fluoranthene	24.288	252	98086	8.296	ng		98
89) Benzo(k)fluoranthene	24.365	252	100048	8.566	ng		99
90) Benzo(a)pyrene	25.234	252	95546	9.566	ng		99
91) Dibenzo(a,h)anthracene	29.464	278	94911	8.275	ng		97
92) Benzo(g,h,i)perylene	30.650	276	94665	8.410	ng		94

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

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