Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071922\
Data File : BG054319.D
Acq On : 19 Jul 2022 15:41
Operator : CG/JU
Sample : N3214-09
Misc : MDL-MDL-WATER 8ppm
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 19 16:14:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 19 14:41:07 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/20/2022
Supervised By :Jagrut Upadhyay 07/20/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.993	152	18265	20.000	ng		0.00
21) Naphthalene-d8	10.802	136	66529	20.000	ng		# 0.00
39) Acenaphthene-d10	14.627	164	54067	20.000	ng		0.00
64) Phenanthrene-d10	17.371	188	146021	20.000	ng		# 0.00
76) Chrysene-d12	21.636	240	190213	20.000	ng		# 0.00
86) Perylene-d12	24.838	264	200867	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.561	112	100159	114.492	ng		0.00
7) Phenol-d6	7.159	99	140455	117.172	ng		-0.01
23) Nitrobenzene-d5	9.157	82	106494	87.170	ng		0.00
42) 2,4,6-Tribromophenol	16.119	330	136040	119.837	ng		0.00
45) 2-Fluorobiphenyl	13.252	172	340336	88.799	ng		0.00
79) Terphenyl-d14	19.985	244	797837	83.209	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.422	88	2709m	7.784	ng		
3) Pyridine	3.839	79	6076	6.882	ng		99
4) n-Nitrosodimethylamine	3.751	42	3232m	6.547	ng		
6) Aniline	7.312	93	10813	7.815	ng	#	93
8) 2-Chlorophenol	7.559	128	7369	7.330	ng		95
9) Benzaldehyde	7.136	77	6765	10.047	ng		88
10) Phenol	7.188	94	8850	7.431	ng		88
11) bis(2-Chloroethyl)ether	7.412	93	6645	7.652	ng		91
12) 1,3-Dichlorobenzene	7.888	146	9556	7.801	ng		90
13) 1,4-Dichlorobenzene	8.035	146	9303	7.354	ng		93
14) 1,2-Dichlorobenzene	8.352	146	9594	8.043	ng		92
15) Benzyl Alcohol	8.234	79	6839	6.937	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.528	45	7961	7.279	ng		90
17) 2-Methylphenol	8.440	107	6111	7.119	ng		97
18) Hexachloroethane	9.080	117	3135	7.485	ng	#	58
19) n-Nitroso-di-n-propyla...	8.792	70	5758	7.193	ng	#	91
20) 3+4-Methylphenols	8.775	107	8385	6.933	ng		97
22) Acetophenone	8.816	105	11633	7.270	ng	#	97
24) Nitrobenzene	9.198	77	9396	7.870	ng	#	87
25) Isophorone	9.721	82	16301	7.672	ng		96
26) 2-Nitrophenol	9.915	139	4614	7.667	ng	#	79
27) 2,4-Dimethylphenol	9.973	122	7140	8.588	ng	#	81
28) bis(2-Chloroethoxy)met...	10.203	93	8649	8.071	ng	#	90
29) 2,4-Dichlorophenol	10.461	162	8941	7.125	ng	#	85
30) 1,2,4-Trichlorobenzene	10.667	180	12079	7.772	ng	#	92
31) Naphthalene	10.855	128	24928	7.464	ng		96
32) Benzoic acid	10.161	122	2650m	9.993	ng		
33) 4-Chloroaniline	10.960	127	10203	7.513	ng		96
34) Hexachlorobutadiene	11.137	225	10323	7.516	ng		94
35) Caprolactam	11.707	113	2200	6.963	ng	#	36
36) 4-Chloro-3-methylphenol	12.089	107	8305	7.275	ng	#	88
37) 2-Methylnaphthalene	12.459	142	18880	7.362	ng		96
38) 1-Methylnaphthalene	12.676	142	18124m	7.253	ng		
40) 1,2,4,5-Tetrachloroben...	12.829	216	18491	7.806	ng	#	96
41) Hexachlorocyclopentadiene	12.811	237	2112	3.800	ng		88
43) 2,4,6-Trichlorophenol	13.070	196	8888	6.891	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.152	196	9858m	6.765	ng		
46) 1,1'-Biphenyl	13.463	154	28789	7.783	ng		95
47) 2-Chloronaphthalene	13.510	162	22605	7.302	ng		95
48) 2-Nitroaniline	13.710	65	5651	6.995	ng		96
49) Acenaphthylene	14.351	152	35394	7.695	ng		98
50) Dimethylphthalate	14.074	163	31418	7.439	ng	#	98
51) 2,6-Dinitrotoluene	14.198	165	6712	7.246	ng	#	79
52) Acenaphthene	14.691	154	20920	7.511	ng		96
53) 3-Nitroaniline	14.533	138	5601	7.230	ng		81
54) 2,4-Dinitrophenol	14.756	184	1213	2.695	ng	#	69
55) Dibenzofuran	15.026	168	37639	7.595	ng		95
56) 4-Nitrophenol	14.850	139	2994	5.793	ng		90
57) 2,4-Dinitrotoluene	14.991	165	9764	7.353	ng	#	78
58) Fluorene	15.673	166	31045	7.619	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.255	232	9459	6.667	ng	#	81
60) Diethylphthalate	15.438	149	30291	7.477	ng	#	93
61) 4-Chlorophenyl-phenyle...	15.667	204	21121	7.897	ng	#	83
62) 4-Nitroaniline	15.690	138	5573	6.847	ng		92
63) Azobenzene	15.961	77	20938	7.153	ng		79
65) 4,6-Dinitro-2-methylph...	15.761	198	4697	5.207	ng		89
66) n-Nitrosodiphenylamine	15.878	169	27426	7.523	ng		94
67) 4-Bromophenyl-phenylether	16.560	248	15223	7.423	ng	#	89
68) Hexachlorobenzene	16.683	284	18284	7.796	ng	#	85
69) Atrazine	16.818	200	13591	8.378	ng		90
70) Pentachlorophenol	17.036	266	3658	3.986	ng		94
71) Phenanthrene	17.412	178	54853	7.543	ng		99
72) Anthracene	17.506	178	55212	7.737	ng		97
73) Carbazole	17.770	167	44835	7.632	ng		98
74) Di-n-butylphthalate	18.328	149	51163	7.380	ng		99
75) Fluoranthene	19.427	202	76390	7.706	ng		96
77) Benzidine	19.597	184	35225	10.225	ng	#	96
78) Pyrene	19.785	202	79563	7.290	ng		99
80) Butylbenzylphthalate	20.667	149	22826	6.711	ng	#	83
81) Benzo(a)anthracene	21.619	228	89997	7.453	ng		100
82) 3,3'-Dichlorobenzidine	21.530	252	34943	9.305	ng	#	98
83) Chrysene	21.683	228	82861	7.264	ng		99
84) Bis(2-ethylhexyl)phtha...	21.519	149	32395	6.731	ng	#	91
85) Di-n-octyl phthalate	22.723	149	56178	6.842	ng	#	94
87) Indeno(1,2,3-cd)pyrene	28.487	276	108481	7.099	ng		99
88) Benzo(b)fluoranthene	23.822	252	92106	7.754	ng	#	98
89) Benzo(k)fluoranthene	23.887	252	91271	7.720	ng	#	97
90) Benzo(a)pyrene	24.680	252	89677	8.840	ng	#	97
91) Dibenzo(a,h)anthracene	28.534	278	95018	7.562	ng	#	93
92) Benzo(g,h,i)perylene	29.621	276	93133	7.510	ng	#	91

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

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