Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031622\
Data File : BG052677.D
Acq On : 16 Mar 2022 14:20
Operator : CG/JU
Sample : N1645-07
Misc : LOD-MDL-WATER 4ppm
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 16 14:58:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 16 11:53:01 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
03/17/2022
Supervised By :Jagrut Upadhyay
03/17/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.158	152	43366	20.000	ng		0.00
21) Naphthalene-d8	10.966	136	171857	20.000	ng		0.00
39) Acenaphthene-d10	14.772	164	117556	20.000	ng		0.00
64) Phenanthrene-d10	17.516	188	278113	20.000	ng		0.00
76) Chrysene-d12	21.804	240	312638	20.000	ng		0.00
86) Perylene-d12	25.123	264	309860	20.000	ng		#-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.708	112	339077	136.168	ng		0.00
7) Phenol-d6	7.300	99	489735	130.452	ng		0.00
23) Nitrobenzene-d5	9.315	82	274934	80.294	ng		0.00
42) 2,4,6-Tribromophenol	16.258	330	215307	136.302	ng		0.00
45) 2-Fluorobiphenyl	13.403	172	632494	79.352	ng		0.00
79) Terphenyl-d14	20.118	244	1250350	71.142	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.599	88	4747	3.811	ng		98
3) Pyridine	4.010	79	10133	3.173	ng	#	85
4) n-Nitrosodimethylamine	3.910	42	4312m	3.044	ng		
6) Aniline	7.470	93	16445	3.736	ng		95
8) 2-Chlorophenol	7.717	128	9217	3.523	ng		92
9) Benzaldehyde	7.282	77	11095	4.812	ng		91
10) Phenol	7.324	94	12968	3.499	ng		85
11) bis(2-Chloroethyl)ether	7.564	93	9249	3.305	ng		91
12) 1,3-Dichlorobenzene	8.046	146	11782m	3.740	ng		
13) 1,4-Dichlorobenzene	8.187	146	11242	3.552	ng		99
14) 1,2-Dichlorobenzene	8.510	146	10135	3.386	ng		90
15) Benzyl Alcohol	8.381	79	9677	3.061	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.680	45	16226	3.329	ng		90
17) 2-Methylphenol	8.581	107	8463	3.426	ng	#	92
18) Hexachloroethane	9.244	117	4176	3.596	ng	#	81
19) n-Nitroso-di-n-propyla...	8.957	70	9224	3.469	ng	#	93
20) 3+4-Methylphenols	8.904	107	11078	3.204	ng		94
22) Acetophenone	8.974	105	16885	3.797	ng	#	89
24) Nitrobenzene	9.356	77	13223	3.860	ng	#	86
25) Isophorone	9.885	82	23761	3.584	ng		99
26) 2-Nitrophenol	10.067	139	3842	3.229	ng		94
27) 2,4-Dimethylphenol	10.120	122	9921	4.076	ng		87
28) bis(2-Chloroethoxy)met...	10.361	93	13175	3.361	ng		94
29) 2,4-Dichlorophenol	10.607	162	9067	3.310	ng		91
30) 1,2,4-Trichlorobenzene	10.825	180	11743	3.634	ng	#	84
31) Naphthalene	11.013	128	32277	3.632	ng		95
32) Benzoic acid	10.167	122	3154m	1.928	ng		
33) 4-Chloroaniline	11.118	127	12887	3.421	ng	#	90
34) Hexachlorobutadiene	11.306	225	8023	3.463	ng		92
35) Caprolactam	11.864	113	2444	3.268	ng	#	85
36) 4-Chloro-3-methylphenol	12.217	107	9688	3.046	ng		97
37) 2-Methylnaphthalene	12.616	142	22827	3.507	ng		92
38) 1-Methylnaphthalene	12.834	142	21984	3.461	ng		88
40) 1,2,4,5-Tetrachloroben...	12.975	216	14787	4.026	ng		96
41) Hexachlorocyclopentadiene	12.963	237	9426	4.330	ng		96
43) 2,4,6-Trichlorophenol	13.204	196	8114m	3.450	ng		

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44) 2,4,5-Trichlorophenol	13.274	196	8050	3.372	ng		94
46) 1,1'-Biphenyl	13.609	154	30883	3.757	ng		95
47) 2-Chloronaphthalene	13.656	162	25242	3.899	ng		94
48) 2-Nitroaniline	13.838	65	5881	3.321	ng		96
49) Acenaphthylene	14.496	152	39555	3.833	ng		98
50) Dimethylphthalate	14.214	163	30770	3.522	ng	#	98
51) 2,6-Dinitrotoluene	14.332	165	5039	3.416	ng	#	86
52) Acenaphthene	14.837	154	23822	3.603	ng		96
53) 3-Nitroaniline	14.661	138	5646	3.271	ng	#	78
54) 2,4-Dinitrophenol	14.860	184	2336	2.905	ng	#	69
55) Dibenzofuran	15.166	168	39415	3.650	ng		96
56) 4-Nitrophenol	14.948	139	4406	3.129	ng	#	86
57) 2,4-Dinitrotoluene	15.113	165	6589	3.219	ng	#	93
58) Fluorene	15.818	166	31927	3.627	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.389	232	7368	2.888	ng		99
60) Diethylphthalate	15.577	149	29879	3.240	ng		98
61) 4-Chlorophenyl-phenyle...	15.806	204	17728	3.652	ng	#	92
62) 4-Nitroaniline	15.812	138	6507	3.568	ng		95
63) Azobenzene	16.100	77	33540	3.403	ng		96
65) 4,6-Dinitro-2-methylph...	15.877	198	3564	2.874	ng		88
66) n-Nitrosodiphenylamine	16.018	169	28390	3.626	ng		95
67) 4-Bromophenyl-phenylether	16.705	248	10477	3.125	ng	#	88
68) Hexachlorobenzene	16.822	284	12863	3.569	ng		94
69) Atrazine	16.963	200	10343	3.583	ng		95
70) Pentachlorophenol	17.163	266	6292	2.814	ng		92
71) Phenanthrene	17.557	178	53464	3.593	ng		94
72) Anthracene	17.645	178	54512	3.706	ng		98
73) Carbazole	17.909	167	49356	3.388	ng		97
74) Di-n-butylphthalate	18.473	149	54801	3.444	ng		99
75) Fluoranthene	19.560	202	70937	3.756	ng		98
77) Benzidine	19.730	184	29874	3.705	ng		98
78) Pyrene	19.924	202	72425	3.340	ng		96
80) Butylbenzylphthalate	20.811	149	23175	3.013	ng		87
81) Benzo(a)anthracene	21.780	228	75296	3.597	ng		98
82) 3,3'-Dichlorobenzidine	21.686	252	25609	3.464	ng		100
83) Chrysene	21.851	228	68623	3.487	ng		95
84) Bis(2-ethylhexyl)phtha...	21.692	149	33417	3.194	ng		99
85) Di-n-octyl phthalate	22.949	149	51009	2.929	ng	#	90
87) Indeno(1,2,3-cd)pyrene	28.912	276	71729	3.382	ng	#	89
88) Benzo(b)fluoranthene	24.066	252	72617	3.774	ng		96
89) Benzo(k)fluoranthene	24.130	252	69544m	3.674	ng		
90) Benzo(a)pyrene	24.958	252	68443	4.203	ng		96
91) Dibenzo(a,h)anthracene	28.982	278	64767	3.706	ng	#	92
92) Benzo(g,h,i)perylene	30.093	276	61638	3.565	ng	#	95

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

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