Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033123\
Data File : BG056945.D
Acq On : 31 Mar 2023 15:32
Operator : CG/JU
Sample : 01627-07
Misc : LOD-MDL-WATER 4ppm
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023

Quant Time: Apr 01 02:35:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 03:23:11 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.411	152	14352	20.000	ng		0.00
21) Naphthalene-d8	11.254	136	59429	20.000	ng	#	0.00
39) Acenaphthene-d10	15.025	164	46920	20.000	ng		0.00
64) Phenanthrene-d10	17.769	188	125191	20.000	ng		0.00
76) Chrysene-d12	22.086	240	122221	20.000	ng		-0.01
86) Perylene-d12	25.634	264	130326	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.920	112	98166	109.469	ng		0.00
7) Phenol-d6	7.535	99	146905	109.532	ng		0.00
23) Nitrobenzene-d5	9.591	82	114229	78.648	ng		0.00
42) 2,4,6-Tribromophenol	16.506	330	84226	112.367	ng		0.00
45) 2-Fluorobiphenyl	13.656	172	276997	80.053	ng		0.00
79) Terphenyl-d14	20.336	244	557727	77.218	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.735	88	1734	4.411	ng	#	90
3) Pyridine	4.158	79	4275	3.376	ng	#	83
4) n-Nitrosodimethylamine	4.058	42	2039	3.503	ng	#	83
6) Aniline	7.723	93	6667	3.888	ng	#	84
8) 2-Chlorophenol	7.970	128	3625	4.058	ng		91
9) Benzaldehyde	7.529	77	4621	5.493	ng	#	74
10) Phenol	7.565	94	5098	3.836	ng		82
11) bis(2-Chloroethyl)ether	7.811	93	3441	3.635	ng		93
12) 1,3-Dichlorobenzene	8.305	146	4105	4.159	ng		95
13) 1,4-Dichlorobenzene	8.452	146	3971	3.987	ng		96
14) 1,2-Dichlorobenzene	8.775	146	4046	4.204	ng		98
15) Benzyl Alcohol	8.640	79	4442	3.986	ng	#	88
16) 2,2'-oxybis(1-Chloropr...	8.939	45	4661	4.085	ng		94
17) 2-Methylphenol	8.834	107	3645	3.844	ng	#	76
18) Hexachloroethane	9.515	117	1463	4.018	ng		91
19) n-Nitroso-di-n-propyla...	9.210	70	4084	4.257	ng	#	87
20) 3+4-Methylphenols	9.168	107	4919	3.710	ng		90
22) Acetophenone	9.239	105	6690	3.783	ng	#	96
24) Nitrobenzene	9.632	77	6199	4.175	ng	#	85
25) Isophorone	10.149	82	10657	3.853	ng		99
26) 2-Nitrophenol	10.355	139	1968	3.434	ng	#	84
27) 2,4-Dimethylphenol	10.390	122	3451	3.410	ng		93
28) bis(2-Chloroethoxy)met...	10.625	93	5222	3.771	ng	#	94
29) 2,4-Dichlorophenol	10.890	162	3641	3.345	ng		95
30) 1,2,4-Trichlorobenzene	11.107	180	4827	4.174	ng	#	78
31) Naphthalene	11.307	128	12551	3.875	ng		96
33) 4-Chloroaniline	11.401	127	5763	3.939	ng	#	89
34) Hexachlorobutadiene	11.589	225	3545	4.081	ng		92
35) Caprolactam	12.129	113	1538	4.098	ng	#	78
36) 4-Chloro-3-methylphenol	12.487	107	4029	3.310	ng	#	90
37) 2-Methylnaphthalene	12.881	142	9641	3.750	ng		97
38) 1-Methylnaphthalene	13.098	142	9354	3.875	ng		90
40) 1,2,4,5-Tetrachloroben...	13.239	216	6773	4.163	ng		99
41) Hexachlorocyclopentadiene	13.216	237	3589	4.004	ng		85
43) 2,4,6-Trichlorophenol	13.468	196	3801m	3.661	ng		
44) 2,4,5-Trichlorophenol	13.539	196	4269	3.471	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.868	154	14323	4.170	ng		91
47) 2-Chloronaphthalene	13.915	162	10301	4.055	ng		96
48) 2-Nitroaniline	14.103	65	3328	3.664	ng	#	86
49) Acenaphthylene	14.755	152	15969	3.826	ng	#	92
50) Dimethylphthalate	14.461	163	14428	3.903	ng	#	90
51) 2,6-Dinitrotoluene	14.585	165	3124	3.911	ng	#	81
52) Acenaphthene	15.090	154	10800	3.752	ng	#	82
53) 3-Nitroaniline	14.914	138	2931	3.707	ng		91
54) 2,4-Dinitrophenol	15.125	184	1008	2.242	ng	#	64
55) Dibenzofuran	15.425	168	17138	3.967	ng	#	95
56) 4-Nitrophenol	15.207	139	2031	3.474	ng		90
57) 2,4-Dinitrotoluene	15.366	165	3980	3.533	ng	#	92
58) Fluorene	16.071	166	14063	3.934	ng		90
59) 2,3,4,6-Tetrachlorophenol	15.642	232	3942	3.520	ng	#	92
60) Diethylphthalate	15.806	149	14206	3.833	ng	#	94
61) 4-Chlorophenyl-phenyle...	16.047	204	8312	3.960	ng	#	89
62) 4-Nitroaniline	16.071	138	3018	3.684	ng	#	80
63) Azobenzene	16.341	77	14556	3.941	ng		97
65) 4,6-Dinitro-2-methylph...	16.135	198	1812	2.390	ng		83
66) n-Nitrosodiphenylamine	16.259	169	12305	3.661	ng		94
67) 4-Bromophenyl-phenylether	16.940	248	5389	3.479	ng		85
68) Hexachlorobenzene	17.069	284	5893	3.848	ng	#	88
69) Atrazine	17.187	200	5601	4.015	ng		91
71) Phenanthrene	17.810	178	25170	3.943	ng		96
72) Anthracene	17.898	178	25136	3.842	ng		97
73) Carbazole	18.162	167	22313	3.911	ng	#	94
74) Di-n-butylphthalate	18.685	149	24046	3.640	ng	#	95
75) Fluoranthene	19.795	202	28917	3.574	ng		97
77) Benzidine	19.960	184	17324	5.186	ng	#	94
78) Pyrene	20.159	202	31344	3.708	ng		93
80) Butylbenzylphthalate	21.017	149	10052	3.456	ng		93
81) Benzo(a)anthracene	22.069	228	31580	3.734	ng		96
82) 3,3'-Dichlorobenzidine	21.963	252	11926	4.176	ng		91
83) Chrysene	22.139	228	28726	3.627	ng		97
84) Bis(2-ethylhexyl)phtha...	21.922	149	14849	3.525	ng		93
85) Di-n-octyl phthalate	23.243	149	24477	3.448	ng		98
87) Indeno(1,2,3-cd)pyrene	29.705	276	35649m	3.701	ng		
88) Benzo(b)fluoranthene	24.501	252	33037	4.054	ng		95
89) Benzo(k)fluoranthene	24.571	252	31525	3.875	ng		95
90) Benzo(a)pyrene	25.458	252	28925	3.612	ng		99
91) Dibenzo(a,h)anthracene	29.782	278	30216	3.817	ng	#	88
92) Benzo(g,h,i)perylene	30.998	276	29288	3.778	ng		96

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

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