Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013023\
Data File : BG056473.D
Acq On : 30 Jan 2023 17:08
Operator : CG/JU
Sample : N3980-08
Misc : LOQ-WATER-10ppm
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 31 03:03:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 28 00:39:13 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.279	152	37392	20.000	ng	# 0.00
21) Naphthalene-d8	11.111	136	143895	20.000	ng	0.00
39) Acenaphthene-d10	14.901	164	115866	20.000	ng	0.00
64) Phenanthrene-d10	17.633	188	303939	20.000	ng	0.00
76) Chrysene-d12	21.922	240	294193	20.000	ng	0.00
86) Perylene-d12	25.348	264	314311	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.794	112	217891	107.196	ng	0.00
7) Phenol-d6	7.422	99	309786	102.861	ng	0.00
23) Nitrobenzene-d5	9.454	82	185052	73.027	ng	0.00
42) 2,4,6-Tribromophenol	16.382	330	167397	108.673	ng	0.00
45) 2-Fluorobiphenyl	13.526	172	623730	74.634	ng	0.00
79) Terphenyl-d14	20.212	244	1175000	70.149	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.597	88	8321	9.831	ng	# 95
3) Pyridine	4.025	79	21040m	8.339	ng	
4) n-Nitrosodimethylamine	3.937	42	5049	9.410	ng	# 84
6) Aniline	7.592	93	34778	8.820	ng	92
8) 2-Chlorophenol	7.839	128	20812	9.320	ng	96
9) Benzaldehyde	7.404	77	18094	10.422	ng	95
10) Phenol	7.451	94	27423	8.959	ng	98
11) bis(2-Chloroethyl)ether	7.680	93	19578	9.305	ng	92
12) 1,3-Dichlorobenzene	8.168	146	25987	10.108	ng	96
13) 1,4-Dichlorobenzene	8.315	146	26299	10.101	ng	95
14) 1,2-Dichlorobenzene	8.638	146	25327	10.026	ng	97
15) Benzyl Alcohol	8.514	79	17515	8.476	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.790	45	4501	10.096	ng	85
17) 2-Methylphenol	8.714	107	19065	8.187	ng	97
18) Hexachloroethane	9.372	117	7366	9.354	ng	97
19) n-Nitroso-di-n-propyla...	9.073	70	15470	8.913	ng	93
20) 3+4-Methylphenols	9.043	107	26641	8.163	ng	96
22) Acetophenone	9.108	105	37582	9.830	ng	# 97
24) Nitrobenzene	9.496	77	23848	9.757	ng	93
25) Isophorone	10.013	82	46912	8.974	ng	99
26) 2-Nitrophenol	10.212	139	13437	9.061	ng	# 89
27) 2,4-Dimethylphenol	10.253	122	20002	8.059	ng	99
28) bis(2-Chloroethoxy)met...	10.489	93	26609	9.214	ng	98
29) 2,4-Dichlorophenol	10.759	162	26741	9.572	ng	96
30) 1,2,4-Trichlorobenzene	10.970	180	30227	9.736	ng	98
31) Naphthalene	11.158	128	71670	9.437	ng	98
32) Benzoic acid	10.371	122	11092m	7.988	ng	
33) 4-Chloroaniline	11.264	127	31616	8.918	ng	96
34) Hexachlorobutadiene	11.434	225	21978	10.085	ng	94
35) Caprolactam	12.016	113	8064	8.559	ng	95
36) 4-Chloro-3-methylphenol	12.369	107	23443	8.689	ng	99
37) 2-Methylnaphthalene	12.745	142	54375	8.684	ng	95
38) 1-Methylnaphthalene	12.962	142	54033	9.240	ng	94
40) 1,2,4,5-Tetrachloroben...	13.109	216	42574	10.058	ng	98
41) Hexachlorocyclopentadiene	13.080	237	13315	11.833	ng	94
43) 2,4,6-Trichlorophenol	13.344	196	24879	9.120	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.420	196	27660	8.661	ng		96
46) 1,1'-Biphenyl	13.732	154	82556	9.823	ng		99
47) 2-Chloronaphthalene	13.785	162	63960	9.737	ng		98
48) 2-Nitroaniline	13.979	65	12462	9.177	ng		96
49) Acenaphthylene	14.625	152	100128	9.369	ng		99
50) Dimethylphthalate	14.331	163	87895	9.377	ng		99
51) 2,6-Dinitrotoluene	14.460	165	18516	9.058	ng		97
52) Acenaphthene	14.960	154	60847	9.601	ng		98
53) 3-Nitroaniline	14.795	138	17683	8.923	ng		97
54) 2,4-Dinitrophenol	15.013	184	11484	8.961	ng		95
55) Dibenzofuran	15.295	168	108596	9.554	ng		97
56) 4-Nitrophenol	15.101	139	17937	13.246	ng		96
57) 2,4-Dinitrotoluene	15.248	165	27018	9.383	ng		99
58) Fluorene	15.941	166	86673	9.583	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.518	232	25364	8.932	ng		98
60) Diethylphthalate	15.682	149	82172	9.335	ng		99
61) 4-Chlorophenyl-phenyle...	15.917	204	51744	9.376	ng		98
62) 4-Nitroaniline	15.947	138	17403	8.776	ng		92
63) Azobenzene	16.211	77	57253	9.453	ng		96
65) 4,6-Dinitro-2-methylph...	16.017	198	22110	10.347	ng		97
66) n-Nitrosodiphenylamine	16.135	169	78603	9.134	ng		99
67) 4-Bromophenyl-phenylether	16.811	248	34809	8.946	ng		98
68) Hexachlorobenzene	16.940	284	37420	9.819	ng		99
69) Atrazine	17.063	200	34040	10.253	ng		95
70) Pentachlorophenol	17.286	266	24539m	10.642	ng		
71) Phenanthrene	17.680	178	146528	9.211	ng		97
72) Anthracene	17.768	178	151812	9.297	ng		99
73) Carbazole	18.033	167	129882	9.339	ng		97
74) Di-n-butylphthalate	18.561	149	128191	8.778	ng		99
75) Fluoranthene	19.672	202	189630	9.445	ng		98
77) Benzidine	19.836	184	98954	12.430	ng		98
78) Pyrene	20.030	202	191220	9.139	ng		98
80) Butylbenzylphthalate	20.888	149	57616	9.016	ng		99
81) Benzo(a)anthracene	21.905	228	191253	9.299	ng		98
82) 3,3'-Dichlorobenzidine	21.805	252	78839	10.644	ng		96
83) Chrysene	21.975	228	178987	9.263	ng		98
84) Bis(2-ethylhexyl)phtha...	21.764	149	81814	8.930	ng		98
85) Di-n-octyl phthalate	23.038	149	137656	9.022	ng		100
87) Indeno(1,2,3-cd)pyrene	29.272	276	212709	9.245	ng	#	93
88) Benzo(b)fluoranthene	24.249	252	197283	10.112	ng		99
89) Benzo(k)fluoranthene	24.319	252	195407m	9.921	ng		
90) Benzo(a)pyrene	25.183	252	174421	9.076	ng		96
91) Dibenzo(a,h)anthracene	29.337	278	186738	9.669	ng		95
92) Benzo(g,h,i)perylene	30.512	276	181234	9.726	ng		99

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

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