Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020123\
Data File : BG056498.D
Acq On : 1 Feb 2023 11:51
Operator : CG/JU
Sample : N4955-08
Misc : LOQ-WATER 5ppm
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

Quant Time: Feb 02 05:00:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 01:15:52 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.275	152	31570	20.000	ng	#	0.00
21) Naphthalene-d8	11.107	136	123530	20.000	ng		0.00
39) Acenaphthene-d10	14.897	164	100909	20.000	ng		0.00
64) Phenanthrene-d10	17.629	188	266067	20.000	ng		0.00
76) Chrysene-d12	21.918	240	263458	20.000	ng		0.00
86) Perylene-d12	25.338	264	284583	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.796	112	191348	111.498	ng		0.00
7) Phenol-d6	7.418	99	272824	107.294	ng		0.00
23) Nitrobenzene-d5	9.450	82	155667	71.558	ng		0.00
42) 2,4,6-Tribromophenol	16.378	330	151051	112.597	ng		0.00
45) 2-Fluorobiphenyl	13.522	172	544732	74.843	ng		0.00
79) Terphenyl-d14	20.208	244	1060852	70.723	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.598	88	4111	5.753	ng	#	93
3) Pyridine	4.033	79	9621	4.517	ng		97
4) n-Nitrosodimethylamine	3.933	42	1978	4.366	ng	#	84
6) Aniline	7.588	93	15690	4.713	ng		97
8) 2-Chlorophenol	7.835	128	8897	4.719	ng		91
9) Benzaldehyde	7.406	77	8355	5.317	ng	#	81
10) Phenol	7.447	94	12417	4.805	ng		92
11) bis(2-Chloroethyl)ether	7.676	93	9144	5.147	ng		93
12) 1,3-Dichlorobenzene	8.164	146	11325	5.217	ng		92
13) 1,4-Dichlorobenzene	8.311	146	11873m	5.401	ng		
14) 1,2-Dichlorobenzene	8.634	146	11049m	5.181	ng		
15) Benzyl Alcohol	8.510	79	7924	4.542	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.804	45	1618	4.299	ng		92
17) 2-Methylphenol	8.716	107	8194	4.168	ng		98
18) Hexachloroethane	9.368	117	3758	5.652	ng		88
19) n-Nitroso-di-n-propyla...	9.080	70	7011	4.784	ng		96
20) 3+4-Methylphenols	9.045	107	11661	4.232	ng		96
22) Acetophenone	9.104	105	17013	5.183	ng	#	98
24) Nitrobenzene	9.492	77	10483	4.996	ng	#	86
25) Isophorone	10.009	82	21124	4.707	ng		96
26) 2-Nitrophenol	10.208	139	5923	4.652	ng		96
27) 2,4-Dimethylphenol	10.261	122	8709	4.087	ng		92
28) bis(2-Chloroethoxy)met...	10.490	93	11760	4.743	ng		96
29) 2,4-Dichlorophenol	10.755	162	11381	4.745	ng		95
30) 1,2,4-Trichlorobenzene	10.966	180	13652	5.122	ng	#	89
31) Naphthalene	11.160	128	32253	4.947	ng		99
33) 4-Chloroaniline	11.266	127	13242	4.351	ng		97
34) Hexachlorobutadiene	11.430	225	10633	5.684	ng		86
35) Caprolactam	12.006	113	3997	4.942	ng		99
36) 4-Chloro-3-methylphenol	12.365	107	10297	4.446	ng		99
37) 2-Methylnaphthalene	12.747	142	25030	4.657	ng		99
38) 1-Methylnaphthalene	12.958	142	24465	4.873	ng		89
40) 1,2,4,5-Tetrachloroben...	13.105	216	19131	5.189	ng		98
41) Hexachlorocyclopentadiene	13.081	237	3983	8.247	ng		97
43) 2,4,6-Trichlorophenol	13.340	196	10572	4.450	ng		98
44) 2,4,5-Trichlorophenol	13.422	196	11407	4.101	ng		95

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Quant Time: Feb 02 05:00:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 01:15:52 2023
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Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/02/2023
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.734	154	38216	5.221	ng		95
47) 2-Chloronaphthalene	13.781	162	29113	5.089	ng		97
48) 2-Nitroaniline	13.980	65	5206	4.402	ng		95
49) Acenaphthylene	14.621	152	45617	4.901	ng		98
50) Dimethylphthalate	14.333	163	39844	4.881	ng		99
51) 2,6-Dinitrotoluene	14.456	165	7945	4.463	ng		97
52) Acenaphthene	14.956	154	27408	4.966	ng		94
53) 3-Nitroaniline	14.797	138	7479	4.333	ng	#	96
55) Dibenzofuran	15.291	168	48500	4.900	ng		98
56) 4-Nitrophenol	15.103	139	4126	3.498	ng	#	75
57) 2,4-Dinitrotoluene	15.249	165	11469	4.573	ng		97
58) Fluorene	15.937	166	39368	4.998	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.520	232	10573	4.275	ng	#	96
60) Diethylphthalate	15.678	149	38408	5.010	ng		96
61) 4-Chlorophenyl-phenyle...	15.919	204	24600	5.118	ng		96
62) 4-Nitroaniline	15.949	138	7922	4.587	ng		97
63) Azobenzene	16.207	77	25415	4.818	ng		97
65) 4,6-Dinitro-2-methylph...	16.013	198	5871	3.139	ng		95
66) n-Nitrosodiphenylamine	16.131	169	36238	4.810	ng		100
67) 4-Bromophenyl-phenylether	16.812	248	16382	4.810	ng		96
68) Hexachlorobenzene	16.942	284	16868	5.056	ng		92
69) Atrazine	17.059	200	15218	5.236	ng		96
70) Pentachlorophenol	17.288	266	4201m	2.081	ng		
71) Phenanthrene	17.676	178	69153	4.966	ng		96
72) Anthracene	17.764	178	68229	4.773	ng		98
73) Carbazole	18.029	167	60756	4.990	ng		97
74) Di-n-butylphthalate	18.557	149	61847	4.838	ng		99
75) Fluoranthene	19.668	202	86719	4.934	ng		98
77) Benzidine	19.838	184	44651	6.263	ng		100
78) Pyrene	20.026	202	89798	4.792	ng		98
80) Butylbenzylphthalate	20.884	149	24800	4.334	ng		96
81) Benzo(a)anthracene	21.901	228	88660	4.814	ng		98
82) 3,3'-Dichlorobenzidine	21.801	252	35599	5.367	ng		100
83) Chrysene	21.971	228	81241	4.695	ng		98
84) Bis(2-ethylhexyl)phtha...	21.760	149	36306	4.425	ng		98
85) Di-n-octyl phthalate	23.029	149	62257	4.556	ng		99
87) Indeno(1,2,3-cd)pyrene	29.262	276	96046	4.611	ng	#	95
88) Benzo(b)fluoranthene	24.245	252	90293	5.112	ng		98
89) Benzo(k)fluoranthene	24.315	252	87308	4.896	ng		98
90) Benzo(a)pyrene	25.179	252	78394	4.505	ng		99
91) Dibenzo(a,h)anthracene	29.321	278	85328	4.880	ng		96
92) Benzo(g,h,i)perylene	30.496	276	81833	4.850	ng	#	93

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

Quantitation Report (QT Reviewed)

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