

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013023\
 Data File : BG056470.D
 Acq On : 30 Jan 2023 12:24
 Operator : CG/JU
 Sample : N3980-08
 Misc : LOQ-WATER-5ppm
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Jan 31 03:01:07 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

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	8.276	152	28354	20.000	ng	# 0.00
21) Naphthalene-d8	11.107	136	114400	20.000	ng	0.00
39) Acenaphthene-d10	14.897	164	97807	20.000	ng	0.00
64) Phenanthrene-d10	17.635	188	263612	20.000	ng	0.00
76) Chrysene-d12	21.924	240	264582	20.000	ng	0.00
86) Perylene-d12	25.344	264	289181	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.796	112	188049	122.004	ng	0.00
7) Phenol-d6	7.418	99	268319	117.491	ng	0.00
23) Nitrobenzene-d5	9.451	82	155512	77.192	ng	0.00
42) 2,4,6-Tribromophenol	16.378	330	152631	117.383	ng	0.00
45) 2-Fluorobiphenyl	13.522	172	526224	74.593	ng	0.00
79) Terphenyl-d14	20.214	244	1087178	72.170	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.593	88	3649	5.686	ng	96
3) Pyridine	4.033	79	9638	5.038	ng	97
4) n-Nitrosodimethylamine	3.934	42	1755	4.314	ng	# 82
6) Aniline	7.588	93	14960	5.003	ng	97
8) 2-Chlorophenol	7.835	128	8417	4.971	ng	83
9) Benzaldehyde	7.406	77	7830	5.576	ng	97
10) Phenol	7.447	94	11663	5.025	ng	94
11) bis(2-Chloroethyl)ether	7.682	93	8805	5.519	ng	95
12) 1,3-Dichlorobenzene	8.164	146	10770	5.524	ng	97
13) 1,4-Dichlorobenzene	8.311	146	11163	5.654	ng	92
14) 1,2-Dichlorobenzene	8.634	146	10670	5.570	ng	95
15) Benzyl Alcohol	8.516	79	7634	4.872	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.793	45	1900	5.621	ng	93
17) 2-Methylphenol	8.716	107	8299	4.700	ng	89
18) Hexachloroethane	9.374	117	3034	5.081	ng	# 74
19) n-Nitroso-di-n-propyla...	9.075	70	6808	5.173	ng	97
20) 3+4-Methylphenols	9.045	107	11343	4.584	ng	89
22) Acetophenone	9.104	105	16407	5.398	ng	# 91
24) Nitrobenzene	9.498	77	10309	5.305	ng	# 93
25) Isophorone	10.015	82	20795	5.003	ng	97
26) 2-Nitrophenol	10.214	139	5527	4.688	ng	98
27) 2,4-Dimethylphenol	10.261	122	8687	4.403	ng	96
28) bis(2-Chloroethoxy)met...	10.491	93	11723	5.106	ng	96
29) 2,4-Dichlorophenol	10.755	162	10605	4.775	ng	87
30) 1,2,4-Trichlorobenzene	10.972	180	13549	5.490	ng	90
31) Naphthalene	11.160	128	30716	5.087	ng	98
33) 4-Chloroaniline	11.266	127	13666	4.849	ng	92
34) Hexachlorobutadiene	11.431	225	9067	5.233	ng	# 87
35) Caprolactam	12.006	113	3749	5.005	ng	96
36) 4-Chloro-3-methylphenol	12.365	107	10877	5.071	ng	96
37) 2-Methylnaphthalene	12.747	142	23631	4.747	ng	96
38) 1-Methylnaphthalene	12.958	142	24011	5.165	ng	87
40) 1,2,4,5-Tetrachloroben...	13.105	216	18197	5.093	ng	99
41) Hexachlorocyclopentadiene	13.082	237	3340	7.994	ng	82
43) 2,4,6-Trichlorophenol	13.346	196	10586	4.597	ng	96
44) 2,4,5-Trichlorophenol	13.422	196	11169	4.143	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013023\
 Data File : BG056470.D
 Acq On : 30 Jan 2023 12:24
 Operator : CG/JU
 Sample : N3980-08
 Misc : LOQ-WATER-5ppm
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Jan 31 03:01:07 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

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)
46) 1,1'-Biphenyl	13.734	154	37348	5.265	ng	98
47) 2-Chloronaphthalene	13.787	162	28875	5.207	ng	95
48) 2-Nitroaniline	13.981	65	5484	4.784	ng	98
49) Acenaphthylene	14.621	152	45138	5.003	ng	97
50) Dimethylphthalate	14.333	163	39328	4.970	ng	99
51) 2,6-Dinitrotoluene	14.462	165	8545	4.952	ng	97
52) Acenaphthene	14.962	154	26653	4.982	ng	99
53) 3-Nitroaniline	14.797	138	8439	5.044	ng	96
55) Dibenzofuran	15.291	168	48240	5.028	ng	98
56) 4-Nitrophenol	15.115	139	4585	4.011	ng	85
57) 2,4-Dinitrotoluene	15.250	165	12064	4.963	ng	# 93
58) Fluorene	15.937	166	40521	5.308	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.520	232	10105	4.216	ng	# 94
60) Diethylphthalate	15.679	149	37643	5.066	ng	98
61) 4-Chlorophenyl-phenyle...	15.919	204	23173	4.974	ng	95
62) 4-Nitroaniline	15.949	138	8417	5.028	ng	99
63) Azobenzene	16.213	77	26569	5.197	ng	98
65) 4,6-Dinitro-2-methylph...	16.019	198	5834	3.148	ng	98
66) n-Nitrosodiphenylamine	16.131	169	36178	4.847	ng	97
67) 4-Bromophenyl-phenylether	16.813	248	15824	4.689	ng	98
68) Hexachlorobenzene	16.942	284	17035	5.154	ng	96
69) Atrazine	17.065	200	15738	5.466	ng	94
71) Phenanthrene	17.676	178	71047	5.149	ng	97
72) Anthracene	17.770	178	71958	5.081	ng	98
73) Carbazole	18.035	167	61975	5.138	ng	99
74) Di-n-butylphthalate	18.558	149	62994	4.974	ng	97
75) Fluoranthene	19.668	202	90114	5.175	ng	97
77) Benzidine	19.838	184	46452	6.488	ng	98
78) Pyrene	20.032	202	91025	4.837	ng	100
80) Butylbenzylphthalate	20.884	149	27257	4.743	ng	99
81) Benzo(a)anthracene	21.901	228	92612	5.007	ng	99
82) 3,3'-Dichlorobenzidine	21.801	252	36313	5.451	ng	# 98
83) Chrysene	21.971	228	84902	4.886	ng	98
84) Bis(2-ethylhexyl)phtha...	21.766	149	39652	4.812	ng	94
85) Di-n-octyl phthalate	23.035	149	66241	4.827	ng	# 98
87) Indeno(1,2,3-cd)pyrene	29.274	276	102054	4.821	ng	# 92
88) Benzo(b)fluoranthene	24.251	252	93880	5.230	ng	97
89) Benzo(k)fluoranthene	24.316	252	93883m	5.181	ng	
90) Benzo(a)pyrene	25.179	252	83023	4.696	ng	95
91) Dibenzo(a,h)anthracene	29.339	278	90495	5.093	ng	97
92) Benzo(g,h,i)perylene	30.514	276	87055	5.078	ng	# 97

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

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

Manual Integrations

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

