

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033123\
 Data File : BG056946.D
 Acq On : 31 Mar 2023 16:13
 Operator : CG/JU
 Sample : 01627-07
 Misc : LOD-MDL-WATER 8ppm
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Apr 01 02:36:23 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

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.413	152	15544	20.000	ng	0.00
21) Naphthalene-d8	11.256	136	65444	20.000	ng	0.00
39) Acenaphthene-d10	15.027	164	52562	20.000	ng	0.00
64) Phenanthrene-d10	17.765	188	130173	20.000	ng	0.00
76) Chrysene-d12	22.088	240	127676	20.000	ng	0.00
86) Perylene-d12	25.631	264	137290	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.916	112	98583	101.503	ng	0.00
7) Phenol-d6	7.538	99	146971	101.178	ng	0.00
23) Nitrobenzene-d5	9.588	82	120543	75.367	ng	0.00
42) 2,4,6-Tribromophenol	16.508	330	86440	102.942	ng	0.00
45) 2-Fluorobiphenyl	13.653	172	289008	74.559	ng	0.00
79) Terphenyl-d14	20.338	244	584423	77.457	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.725	88	3287	7.720	ng	93
3) Pyridine	4.148	79	9193	6.704	ng	91
4) n-Nitrosodimethylamine	4.054	42	4921	7.805	ng	# 92
6) Aniline	7.726	93	13161	7.087	ng	95
8) 2-Chlorophenol	7.972	128	6909	7.142	ng	89
9) Benzaldehyde	7.538	77	8795	9.653	ng	81
10) Phenol	7.567	94	9924	6.895	ng	88
11) bis(2-Chloroethyl)ether	7.814	93	7341	7.160	ng	96
12) 1,3-Dichlorobenzene	8.301	146	8034	7.516	ng	96
13) 1,4-Dichlorobenzene	8.454	146	7837m	7.264	ng	
14) 1,2-Dichlorobenzene	8.777	146	7696	7.384	ng	90
15) Benzyl Alcohol	8.636	79	8661	7.176	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.936	45	9049	7.323	ng	96
17) 2-Methylphenol	8.836	107	6888	6.708	ng	92
18) Hexachloroethane	9.517	117	2660	6.746	ng	93
19) n-Nitroso-di-n-propyla...	9.212	70	7236	6.964	ng	# 92
20) 3+4-Methylphenols	9.165	107	8884	6.187	ng	94
22) Acetophenone	9.241	105	13680	7.025	ng	# 93
24) Nitrobenzene	9.635	77	11149	6.818	ng	# 91
25) Isophorone	10.152	82	20367	6.687	ng	96
26) 2-Nitrophenol	10.351	139	4195	6.646	ng	86
27) 2,4-Dimethylphenol	10.393	122	7333	6.580	ng	93
28) bis(2-Chloroethoxy)met...	10.628	93	10518	6.898	ng	# 87
29) 2,4-Dichlorophenol	10.880	162	7969	6.649	ng	97
30) 1,2,4-Trichlorobenzene	11.109	180	9178	7.207	ng	99
31) Naphthalene	11.303	128	24501	6.869	ng	# 96
32) Benzoic acid	10.451	122	2589m	3.382	ng	
33) 4-Chloroaniline	11.397	127	10586	6.571	ng	92
34) Hexachlorobutadiene	11.585	225	7092	7.414	ng	# 88
35) Caprolactam	12.131	113	2940	7.113	ng	# 78
36) 4-Chloro-3-methylphenol	12.484	107	8618	6.430	ng	95
37) 2-Methylnaphthalene	12.883	142	18603	6.571	ng	91
38) 1-Methylnaphthalene	13.101	142	17570	6.609	ng	98
40) 1,2,4,5-Tetrachloroben...	13.242	216	12841	7.045	ng	98
41) Hexachlorocyclopentadiene	13.212	237	7241	7.210	ng	# 73
43) 2,4,6-Trichlorophenol	13.465	196	7211	6.200	ng	# 92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.535	196	8201	5.952	ng	# 92
46) 1,1'-Biphenyl	13.864	154	28131	7.311	ng	94
47) 2-Chloronaphthalene	13.917	162	20540	7.218	ng	97
48) 2-Nitroaniline	14.105	65	6490	6.378	ng	87
49) Acenaphthylene	14.751	152	32902	7.037	ng	98
50) Dimethylphthalate	14.458	163	28768	6.946	ng	97
51) 2,6-Dinitrotoluene	14.587	165	6088	6.804	ng	# 82
52) Acenaphthene	15.092	154	22377	6.939	ng	98
53) 3-Nitroaniline	14.916	138	6013	6.789	ng	# 86
54) 2,4-Dinitrophenol	15.121	184	2348	4.662	ng	96
55) Dibenzofuran	15.421	168	34131	7.052	ng	99
56) 4-Nitrophenol	15.204	139	4367	6.668	ng	90
57) 2,4-Dinitrotoluene	15.368	165	8272	6.554	ng	# 92
58) Fluorene	16.067	166	28426	7.098	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.638	232	8232	6.562	ng	# 99
60) Diethylphthalate	15.809	149	28371	6.833	ng	# 93
61) 4-Chlorophenyl-phenyle...	16.044	204	16184	6.883	ng	99
62) 4-Nitroaniline	16.073	138	6616	7.210	ng	# 82
63) Azobenzene	16.337	77	28146	6.802	ng	96
65) 4,6-Dinitro-2-methylph...	16.132	198	4330	5.492	ng	88
66) n-Nitrosodiphenylamine	16.261	169	23740	6.794	ng	98
67) 4-Bromophenyl-phenylether	16.942	248	10486	6.510	ng	95
68) Hexachlorobenzene	17.066	284	11956	7.508	ng	92
69) Atrazine	17.189	200	11490	7.921	ng	92
70) Pentachlorophenol	17.407	266	5240	4.587	ng	95
71) Phenanthrene	17.812	178	47964	7.227	ng	98
72) Anthracene	17.900	178	49067	7.212	ng	99
73) Carbazole	18.159	167	43433	7.322	ng	96
74) Di-n-butylphthalate	18.687	149	47558	6.924	ng	98
75) Fluoranthene	19.797	202	58916	7.003	ng	97
77) Benzidine	19.962	184	33869	9.705	ng	# 94
78) Pyrene	20.156	202	60229	6.820	ng	97
80) Butylbenzylphthalate	21.019	149	20199	6.647	ng	# 85
81) Benzo(a)anthracene	22.065	228	60000	6.791	ng	97
82) 3,3'-Dichlorobenzidine	21.965	252	24940	8.359	ng	94
83) Chrysene	22.141	228	55363	6.692	ng	99
84) Bis(2-ethylhexyl)phtha...	21.924	149	28376	6.449	ng	98
85) Di-n-octyl phthalate	23.246	149	50212	6.771	ng	100
87) Indeno(1,2,3-cd)pyrene	29.719	276	70623	6.960	ng	94
88) Benzo(b)fluoranthene	24.497	252	62649	7.297	ng	98
89) Benzo(k)fluoranthene	24.573	252	62492	7.291	ng	97
90) Benzo(a)pyrene	25.460	252	54924	6.510	ng	98
91) Dibenzo(a,h)anthracene	29.778	278	59801	7.170	ng	# 97
92) Benzo(g,h,i)perylene	30.994	276	57122	6.995	ng	95

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

