

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013023\
 Data File : BG056472.D
 Acq On : 30 Jan 2023 16:22
 Operator : CG/JU
 Sample : N3980-02
 Misc : LOQ-SOIL-10ppm
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jan 31 03:02:27 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	8.278	152	34528	20.000	ng	0.00
21) Naphthalene-d8	11.110	136	128693	20.000	ng	0.00
39) Acenaphthene-d10	14.900	164	103808	20.000	ng	0.00
64) Phenanthrene-d10	17.632	188	263616	20.000	ng	0.00
76) Chrysene-d12	21.927	240	257613	20.000	ng	0.00
86) Perylene-d12	25.347	264	281043	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.793	112	200362	106.749	ng	0.00
7) Phenol-d6	7.421	99	283061	101.783	ng	0.00
23) Nitrobenzene-d5	9.453	82	164869	72.747	ng	0.00
42) 2,4,6-Tribromophenol	16.381	330	147702	107.025	ng	0.00
45) 2-Fluorobiphenyl	13.525	172	559417	74.714	ng	0.00
79) Terphenyl-d14	20.211	244	1047719	71.432	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.596	88	7964	10.190	ng	98
3) Pyridine	4.025	79	20096	8.626	ng	# 95
4) n-Nitrosodimethylamine	3.936	42	4168	8.413	ng	# 97
6) Aniline	7.591	93	31473	8.644	ng	# 92
8) 2-Chlorophenol	7.838	128	18198	8.826	ng	96
9) Benzaldehyde	7.403	77	15675	9.705	ng	94
10) Phenol	7.444	94	24768	8.763	ng	99
11) bis(2-Chloroethyl)ether	7.679	93	18155	9.345	ng	95
12) 1,3-Dichlorobenzene	8.167	146	22933	9.660	ng	91
13) 1,4-Dichlorobenzene	8.314	146	24905	10.359	ng	99
14) 1,2-Dichlorobenzene	8.637	146	22222	9.527	ng	94
15) Benzyl Alcohol	8.513	79	15533	8.141	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.807	45	4029	9.787	ng	82
17) 2-Methylphenol	8.713	107	17781	8.269	ng	92
18) Hexachloroethane	9.377	117	7035	9.674	ng	96
19) n-Nitroso-di-n-propyla...	9.077	70	14077	8.783	ng	# 92
20) 3+4-Methylphenols	9.042	107	24187	8.026	ng	97
22) Acetophenone	9.101	105	33342	9.751	ng	# 98
24) Nitrobenzene	9.495	77	20919	9.569	ng	# 96
25) Isophorone	10.012	82	41999	8.983	ng	# 95
26) 2-Nitrophenol	10.211	139	11594	8.741	ng	92
27) 2,4-Dimethylphenol	10.258	122	18129	8.167	ng	97
28) bis(2-Chloroethoxy)met...	10.493	93	24152	9.351	ng	91
29) 2,4-Dichlorophenol	10.752	162	22553	9.026	ng	98
30) 1,2,4-Trichlorobenzene	10.969	180	27294	9.830	ng	97
31) Naphthalene	11.163	128	62608	9.217	ng	98
32) Benzoic acid	10.370	122	10995m	8.854	ng	
33) 4-Chloroaniline	11.263	127	27700	8.736	ng	# 91
34) Hexachlorobutadiene	11.434	225	19778	10.148	ng	99
35) Caprolactam	12.009	113	7570	8.983	ng	96
36) 4-Chloro-3-methylphenol	12.362	107	21616	8.958	ng	92
37) 2-Methylnaphthalene	12.744	142	49208	8.787	ng	98
38) 1-Methylnaphthalene	12.961	142	47334	9.051	ng	96
40) 1,2,4,5-Tetrachloroben...	13.108	216	37627	9.922	ng	99
41) Hexachlorocyclopentadiene	13.085	237	11106	11.456	ng	98
43) 2,4,6-Trichlorophenol	13.343	196	22560	9.231	ng	97

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44) 2,4,5-Trichlorophenol	13.419	196	23501	8.213	ng	# 98
46) 1,1'-Biphenyl	13.737	154	72650	9.649	ng	98
47) 2-Chloronaphthalene	13.784	162	56577	9.613	ng	96
48) 2-Nitroaniline	13.983	65	11112	9.133	ng	91
49) Acenaphthylene	14.624	152	89555	9.353	ng	98
50) Dimethylphthalate	14.330	163	77474	9.225	ng	99
51) 2,6-Dinitrotoluene	14.459	165	16825	9.187	ng	99
52) Acenaphthene	14.959	154	52390	9.227	ng	98
53) 3-Nitroaniline	14.794	138	15682	8.832	ng	# 94
54) 2,4-Dinitrophenol	15.012	184	9884	8.608	ng	# 85
55) Dibenzofuran	15.294	168	96619	9.488	ng	96
56) 4-Nitrophenol	15.100	139	9760m	8.045	ng	
57) 2,4-Dinitrotoluene	15.253	165	23350	9.051	ng	# 95
58) Fluorene	15.940	166	76503	9.441	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.517	232	21716	8.536	ng	# 98
60) Diethylphthalate	15.681	149	72308	9.169	ng	100
61) 4-Chlorophenyl-phenyle...	15.922	204	45573	9.217	ng	96
62) 4-Nitroaniline	15.952	138	16086	9.054	ng	95
63) Azobenzene	16.210	77	51226	9.440	ng	98
65) 4,6-Dinitro-2-methylph...	16.016	198	18453	9.957	ng	94
66) n-Nitrosodiphenylamine	16.134	169	69721	9.341	ng	99
67) 4-Bromophenyl-phenylether	16.815	248	31169	9.236	ng	96
68) Hexachlorobenzene	16.945	284	32185	9.737	ng	98
69) Atrazine	17.062	200	30164	10.476	ng	98
70) Pentachlorophenol	17.291	266	21348m	10.674	ng	
71) Phenanthrene	17.679	178	128594	9.320	ng	98
72) Anthracene	17.767	178	133044	9.394	ng	98
73) Carbazole	18.038	167	116087	9.624	ng	97
74) Di-n-butylphthalate	18.560	149	115324	9.105	ng	99
75) Fluoranthene	19.671	202	165629	9.511	ng	99
77) Benzidine	19.835	184	90287	12.951	ng	99
78) Pyrene	20.029	202	168170	9.179	ng	99
80) Butylbenzylphthalate	20.887	149	48391	8.648	ng	97
81) Benzo(a)anthracene	21.904	228	167215	9.285	ng	98
82) 3,3'-Dichlorobenzidine	21.804	252	67833	10.459	ng	99
83) Chrysene	21.974	228	157552	9.311	ng	97
84) Bis(2-ethylhexyl)phtha...	21.763	149	70661	8.808	ng	100
85) Di-n-octyl phthalate	23.038	149	118797	8.892	ng	100
87) Indeno(1,2,3-cd)pyrene	29.277	276	185657	9.024	ng	# 94
88) Benzo(b)fluoranthene	24.248	252	170773	9.790	ng	98
89) Benzo(k)fluoranthene	24.318	252	171749	9.752	ng	99
90) Benzo(a)pyrene	25.176	252	153487	8.932	ng	97
91) Dibenzo(a,h)anthracene	29.342	278	164925	9.551	ng	99
92) Benzo(g,h,i)perylene	30.505	276	158761	9.528	ng	96

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

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