

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071322\
 Data File : BG054272.D
 Acq On : 13 Jul 2022 15:13
 Operator : CG/JU
 Sample : N3214-02
 Misc : LOQ-SOIL 5ppm
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022

Quant Time: Jul 13 15:55:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 13 12:11:21 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 07/14/2022
 Supervised By : Jagrut Upadhyay 07/14/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.041	152	19078	20.000	ng	0.00
21) Naphthalene-d8	10.849	136	68667	20.000	ng	# 0.00
39) Acenaphthene-d10	14.669	164	54354	20.000	ng	0.00
64) Phenanthrene-d10	17.412	188	149288	20.000	ng	# 0.00
76) Chrysene-d12	21.690	240	194227	20.000	ng	# 0.00
86) Perylene-d12	24.921	264	206048	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.609	112	90945	95.774	ng	0.00
7) Phenol-d6	7.207	99	116830	89.203	ng	0.00
23) Nitrobenzene-d5	9.204	82	87294	68.987	ng	0.00
42) 2,4,6-Tribromophenol	16.161	330	114703	108.941	ng	0.00
45) 2-Fluorobiphenyl	13.294	172	270259	73.059	ng	0.00
79) Terphenyl-d14	20.021	244	660496	69.930	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.488	88	2004	4.826	ng	# 70
3) Pyridine	3.899	79	5535	5.337	ng	# 93
4) n-Nitrosodimethylamine	3.817	42	2046	3.905	ng	# 59
6) Aniline	7.365	93	6636	4.310	ng	92
8) 2-Chlorophenol	7.606	128	4943	4.644	ng	95
9) Benzaldehyde	7.177	77	4186	5.322	ng	# 67
10) Phenol	7.230	94	5260	3.981	ng	# 74
11) bis(2-Chloroethyl)ether	7.453	93	4046	4.152	ng	99
12) 1,3-Dichlorobenzene	7.929	146	6019m	4.657	ng	
13) 1,4-Dichlorobenzene	8.076	146	6077	4.589	ng	90
14) 1,2-Dichlorobenzene	8.399	146	5743	4.516	ng	95
15) Benzyl Alcohol	8.276	79	4018	3.806	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.570	45	4689	3.465	ng	87
17) 2-Methylphenol	8.482	107	3898	4.129	ng	# 88
18) Hexachloroethane	9.122	117	1952	4.332	ng	# 52
19) n-Nitroso-di-n-propyla...	8.840	70	3649	4.081	ng	# 96
20) 3+4-Methylphenols	8.817	107	4917	3.712	ng	91
22) Acetophenone	8.858	105	7484	4.510	ng	# 95
24) Nitrobenzene	9.240	77	5971	4.800	ng	# 85
25) Isophorone	9.763	82	10148	4.433	ng	# 97
26) 2-Nitrophenol	9.962	139	2533	4.133	ng	# 84
27) 2,4-Dimethylphenol	10.021	122	4409	5.143	ng	85
28) bis(2-Chloroethoxy)met...	10.244	93	5354	4.595	ng	# 96
29) 2,4-Dichlorophenol	10.503	162	4983	4.011	ng	91
30) 1,2,4-Trichlorobenzene	10.708	180	7285	4.752	ng	# 91
31) Naphthalene	10.902	128	15446	4.473	ng	99
32) Benzoic acid	10.174	122	1097m	3.145	ng	
33) 4-Chloroaniline	11.008	127	5836	4.064	ng	93
34) Hexachlorobutadiene	11.184	225	6667	5.241	ng	99
35) Caprolactam	11.754	113	1034	2.922	ng	# 69
36) 4-Chloro-3-methylphenol	12.136	107	5032	4.210	ng	100
37) 2-Methylnaphthalene	12.506	142	11549	4.364	ng	99
38) 1-Methylnaphthalene	12.724	142	11481	4.469	ng	97
40) 1,2,4,5-Tetrachloroben...	12.871	216	11806	5.351	ng	# 92
41) Hexachlorocyclopentadiene	12.853	237	648	1.174	ng	75
43) 2,4,6-Trichlorophenol	13.112	196	4972	3.924	ng	90

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071322\
 Data File : BG054272.D
 Acq On : 13 Jul 2022 15:13
 Operator : CG/JU
 Sample : N3214-02
 Misc : LOQ-SOIL 5ppm
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022

Quant Time: Jul 13 15:55:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 13 12:11:21 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 07/14/2022
 Supervised By : Jagrut Upadhyay 07/14/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.194	196	5398m	3.895	ng	
46) 1,1'-Biphenyl	13.505	154	17635	4.825	ng	95
47) 2-Chloronaphthalene	13.552	162	14544	4.760	ng	# 87
48) 2-Nitroaniline	13.752	65	3058	3.536	ng	# 84
49) Acenaphthylene	14.392	152	21510	4.640	ng	95
50) Dimethylphthalate	14.116	163	18764	4.397	ng	# 94
51) 2,6-Dinitrotoluene	14.240	165	4041	4.356	ng	# 76
52) Acenaphthene	14.733	154	12141	4.330	ng	96
53) 3-Nitroaniline	14.569	138	3150	3.831	ng	# 79
54) 2,4-Dinitrophenol	14.792	184	251	0.577	ng	# 50
55) Dibenzofuran	15.068	168	23207	4.712	ng	92
56) 4-Nitrophenol	14.892	139	1480	2.802	ng	96
57) 2,4-Dinitrotoluene	15.027	165	5084	3.785	ng	# 86
58) Fluorene	15.714	166	18239	4.458	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.309	232	5421	3.905	ng	# 78
60) Diethylphthalate	15.479	149	18610	4.471	ng	94
61) 4-Chlorophenyl-phenyle...	15.703	204	12946	4.982	ng	# 84
62) 4-Nitroaniline	15.738	138	3287	3.828	ng	# 76
63) Azobenzene	15.996	77	12947	4.127	ng	79
65) 4,6-Dinitro-2-methylph...	15.802	198	2483	2.827	ng	# 74
66) n-Nitrosodiphenylamine	15.920	169	16604	4.409	ng	95
67) 4-Bromophenyl-phenylether	16.596	248	9348	4.695	ng	# 91
68) Hexachlorobenzene	16.731	284	10469	4.606	ng	# 87
69) Atrazine	16.860	200	7951	4.781	ng	90
70) Pentachlorophenol	17.083	266	2216	2.427	ng	93
71) Phenanthrene	17.459	178	32838	4.397	ng	98
72) Anthracene	17.547	178	33162	4.534	ng	95
73) Carbazole	17.818	167	27357	4.417	ng	96
74) Di-n-butylphthalate	18.370	149	30593	4.172	ng	98
75) Fluoranthene	19.469	202	46509	4.580	ng	97
77) Benzidine	19.639	184	21721	6.371	ng	98
78) Pyrene	19.827	202	48171	4.309	ng	99
80) Butylbenzylphthalate	20.709	149	13735	3.792	ng	# 83
81) Benzo(a)anthracene	21.666	228	54635	4.447	ng	99
82) 3,3'-Dichlorobenzidine	21.578	252	20377	5.426	ng	# 94
83) Chrysene	21.737	228	51010	4.390	ng	97
84) Bis(2-ethylhexyl)phtha...	21.566	149	19943	3.881	ng	# 91
85) Di-n-octyl phthalate	22.777	149	34058	3.850	ng	# 93
87) Indeno(1,2,3-cd)pyrene	28.629	276	65266	4.210	ng	# 82
88) Benzo(b)fluoranthene	23.893	252	55355	4.530	ng	# 97
89) Benzo(k)fluoranthene	23.964	252	55174	4.552	ng	# 95
90) Benzo(a)pyrene	24.774	252	53416	5.109	ng	# 98
91) Dibenzo(a,h)anthracene	28.687	278	56904	4.481	ng	# 96
92) Benzo(g,h,i)perylene	29.786	276	56383	4.452	ng	# 95

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

