

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110522\
 Data File : BG055475.D
 Acq On : 5 Nov 2022 18:13
 Operator : CG/JU
 Sample : N5451-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LFR-SOIL-1103MS

Quant Time: Nov 07 00:57:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 07 00:51:08 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.229	152	30160	20.000	ng	0.00
21) Naphthalene-d8	11.055	136	123761	20.000	ng	0.00
39) Acenaphthene-d10	14.844	164	82926	20.000	ng	0.00
64) Phenanthrene-d10	17.582	188	185089	20.000	ng	0.00
76) Chrysene-d12	21.854	240	188491	20.000	ng	0.00
86) Perylene-d12	25.221	264	209291	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.761	112	191453	113.999	ng	0.01
7) Phenol-d6	7.383	99	247650	106.336	ng	0.00
23) Nitrobenzene-d5	9.404	82	137975	59.416	ng	0.00
42) 2,4,6-Tribromophenol	16.331	330	121780	107.662	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	321232	57.434	ng	0.00
79) Terphenyl-d14	20.150	244	511450	52.763	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.552	88	30656	40.245	ng	94
3) Pyridine	3.981	79	83374	36.881	ng	98
4) n-Nitrosodimethylamine	3.887	42	39600	44.341	ng	99
6) Aniline	7.547	93	125103	41.416	ng	99
8) 2-Chlorophenol	7.794	128	99256	48.643	ng	98
9) Benzaldehyde	7.359	77	62689	45.785	ng	97
10) Phenol	7.412	94	123520	46.858	ng	99
11) bis(2-Chloroethyl)ether	7.635	93	82930	42.050	ng	98
12) 1,3-Dichlorobenzene	8.117	146	107498	46.478	ng	98
13) 1,4-Dichlorobenzene	8.264	146	109266	46.385	ng	98
14) 1,2-Dichlorobenzene	8.587	146	104700	46.435	ng	99
15) Benzyl Alcohol	8.470	79	80214m	43.185	ng	
16) 2,2'-oxybis(1-Chloropr...	8.752	45	103606	39.486	ng	99
17) 2-Methylphenol	8.675	107	84645	44.628	ng	98
18) Hexachloroethane	9.322	117	37145	46.223	ng	95
19) n-Nitroso-di-n-propyla...	9.034	70	69245	38.050	ng	96
20) 3+4-Methylphenols	9.004	107	125294	46.493	ng	99
22) Acetophenone	9.057	105	141157	43.515	ng	# 99
24) Nitrobenzene	9.451	77	103594	42.788	ng	95
25) Isophorone	9.968	82	190170	41.350	ng	99
26) 2-Nitrophenol	10.162	139	57033	45.749	ng	98
27) 2,4-Dimethylphenol	10.215	122	93006	53.207	ng	97
28) bis(2-Chloroethoxy)met...	10.444	93	112876	46.080	ng	98
29) 2,4-Dichlorophenol	10.708	162	100506	47.135	ng	97
30) 1,2,4-Trichlorobenzene	10.914	180	104583	45.294	ng	100
31) Naphthalene	11.108	128	299472	42.978	ng	99
32) Benzoic acid	10.367	122	34333	35.382	ng	92
33) 4-Chloroaniline	11.213	127	102962	35.561	ng	98
34) Hexachlorobutadiene	11.378	225	64972	45.269	ng	99
35) Caprolactam	12.001	113	31581	40.002	ng	97
36) 4-Chloro-3-methylphenol	12.324	107	101494	43.471	ng	99
37) 2-Methylnaphthalene	12.694	142	215010	42.008	ng	99
38) 1-Methylnaphthalene	12.911	142	201809	40.425	ng	99
40) 1,2,4,5-Tetrachloroben...	13.058	216	118950	48.558	ng	99
41) Hexachlorocyclopentadiene	13.029	237	119283	100.248	ng	96
43) 2,4,6-Trichlorophenol	13.293	196	82332	48.264	ng	95

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44) 2,4,5-Trichlorophenol	13.370	196	87953	46.288	ng	98
46) 1,1'-Biphenyl	13.681	154	284017	46.545	ng	99
47) 2-Chloronaphthalene	13.734	162	224460	45.779	ng	99
48) 2-Nitroaniline	13.934	65	63166	41.943	ng	96
49) Acenaphthylene	14.574	152	356125	44.234	ng	99
50) Dimethylphthalate	14.292	163	284113	41.045	ng	99
51) 2,6-Dinitrotoluene	14.416	165	62237	42.948	ng	96
52) Acenaphthene	14.909	154	207548	43.315	ng	99
53) 3-Nitroaniline	14.750	138	59584	36.584	ng	98
54) 2,4-Dinitrophenol	14.968	184	62934	72.378	ng	97
55) Dibenzofuran	15.238	168	346532	43.692	ng	99
56) 4-Nitrophenol	15.068	139	103779	92.929	ng	97
57) 2,4-Dinitrotoluene	15.203	165	89759	43.319	ng	96
58) Fluorene	15.884	166	275405	42.745	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.467	232	79174	46.341	ng	97
60) Diethylphthalate	15.638	149	286476	39.825	ng	99
61) 4-Chlorophenyl-phenyle...	15.867	204	146032	43.840	ng	98
62) 4-Nitroaniline	15.914	138	71452	41.466	ng	97
63) Azobenzene	16.161	77	243235	40.677	ng	98
65) 4,6-Dinitro-2-methylph...	15.967	198	54688	45.870	ng	98
66) n-Nitrosodiphenylamine	16.084	169	246203	44.741	ng	100
67) 4-Bromophenyl-phenylether	16.760	248	99838	45.631	ng	99
68) Hexachlorobenzene	16.889	284	114019	45.697	ng	94
69) Atrazine	17.018	200	98035	53.066	ng	100
70) Pentachlorophenol	17.236	266	116716	89.716	ng	99
71) Phenanthrene	17.624	178	455828	43.783	ng	99
72) Anthracene	17.712	178	462935	45.365	ng	100
73) Carbazole	17.982	167	436757	46.002	ng	99
74) Di-n-butylphthalate	18.505	149	512971	43.260	ng	100
75) Fluoranthene	19.615	202	555488	44.358	ng	99
77) Benzidine	19.786	184	334829	85.323	ng	100
78) Pyrene	19.974	202	565489	42.527	ng	99
80) Butylbenzylphthalate	20.826	149	237714	42.879	ng	100
81) Benzo(a)anthracene	21.830	228	564563	43.632	ng	99
82) 3,3'-Dichlorobenzidine	21.736	252	181247	40.848	ng	98
83) Chrysene	21.901	228	530529	42.977	ng	99
84) Bis(2-ethylhexyl)phtha...	21.695	149	408461	50.686	ng	99
85) Di-n-octyl phthalate	22.941	149	597638	43.283	ng	98
87) Indeno(1,2,3-cd)pyrene	29.110	276	720204	42.860	ng	99
88) Benzo(b)fluoranthene	24.145	252	611652	46.009	ng	99
89) Benzo(k)fluoranthene	24.216	252	583084	43.645	ng	98
90) Benzo(a)pyrene	25.062	252	542116	47.161	ng	99
91) Dibenzo(a,h)anthracene	29.151	278	605273	43.659	ng	98
92) Benzo(g,h,i)perylene	30.320	276	605647	43.925	ng	99

11/07/2022
 Supervised By : Jagrut
 Upadhyay

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

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