

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010220\
 Data File : BG043875.D
 Acq On : 2 Jan 2020 15:00
 Operator : JU
 Sample : K5111-02
 Misc : LOO-SOIL 10PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT4-2019

Manual Integrations
 APPROVED

mohammad
 1/3/2020 11:05:10 AM

Quant Time: Jan 02 16:34:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 02 16:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	124844	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	557767	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	367765	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	795059	20.00	ng	0.00
76) Chrysene-d12	21.58	240	692992	20.00	ng	0.00
87) Perylene-d12	24.72	264	766597	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	970720	142.77	ng	0.00
7) Phenol-d6	7.12	99	1338700	140.85	ng	0.00
23) Nitrobenzene-d5	9.12	82	1009547	96.83	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	564825	146.76	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	2119701	104.43	ng	0.00
79) Terphenyl-d14	19.95	244	2813736	98.02	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.44	88	34286	11.565	ng	92
3) Pyridine	3.83	79	87218	9.959	ng	97
4) n-Nitrosodimethylamine	3.75	42	39873	10.226	ng	# 99
6) Aniline	7.28	93	137336	11.001	ng	96
8) 2-Chlorophenol	7.52	128	84777	10.621	ng	95
9) Benzaldehyde	7.09	77	82645	13.586	ng	96
10) Phenol	7.15	94	104715	10.694	ng	96
11) bis(2-Chloroethyl)ether	7.38	93	92275	10.917	ng	96
12) 1,3-Dichlorobenzene	7.85	146	98339	10.528	ng	100
13) 1,4-Dichlorobenzene	8.00	146	102116	11.080	ng	96
14) 1,2-Dichlorobenzene	8.32	146	94728	10.708	ng	96
15) Benzyl Alcohol	8.19	79	75460	10.060	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.49	45	134112	10.255	ng	98
17) 2-Methylphenol	8.40	107	74347	10.492	ng	92
18) Hexachloroethane	9.05	117	36703	10.234	ng	96
19) n-Nitroso-di-n-propylamine	8.76	70	74823	10.571	ng	97
20) 3+4-Methylphenols	8.72	107	102190	10.337	ng	97
22) Acetophenone	8.78	105	144752	10.439	ng	# 94
24) Nitrobenzene	9.16	77	107178	10.379	ng	98
25) Isophorone	9.68	82	204989	10.480	ng	97
26) 2-Nitrophenol	9.87	139	42563	8.712	ng	93
27) 2,4-Dimethylphenol	9.93	122	73398	9.980	ng	97
28) bis(2-Chloroethoxy)methane	10.17	93	131575	10.089	ng	96
29) 2,4-Dichlorophenol	10.41	162	82164	9.366	ng	96
30) 1,2,4-Trichlorobenzene	10.63	180	98918	10.057	ng	98
31) Naphthalene	10.81	128	297420	11.019	ng	98
32) Benzoic acid	10.00	122	29635m	5.400	ng	
33) 4-Chloroaniline	10.91	127	127081	9.871	ng	99
34) Hexachlorobutadiene	11.11	225	57609	9.593	ng	100
35) Caprolactam	11.65	113	31480	9.640	ng	89
36) 4-Chloro-3-methylphenol	12.04	107	94968	10.169	ng	96
37) 2-Methylnaphthalene	12.42	142	227444	11.193	ng	97
38) 1-Methylnaphthalene	12.64	142	215380	11.183	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	109516	10.160	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010220\
 Data File : BG043875.D
 Acq On : 2 Jan 2020 15:00
 Operator : JU
 Sample : K5111-02
 Misc : L00-SOIL 10PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT4-2019

Manual Integrations
 APPROVED

mohammad
 1/3/2020 11:05:10 AM

Quant Time: Jan 02 16:34:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 02 16:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	55316	9.898	nq	96
43) 2,4,6-Trichlorophenol	13.02	196	67975	9.165	nq	97
44) 2,4,5-Trichlorophenol	13.09	196	76191	9.960	nq	99
46) 1,1'-Biphenyl	13.43	154	295986	11.225	nq	96
47) 2-Chloronaphthalene	13.47	162	221662	10.403	nq	96
48) 2-Nitroaniline	13.66	65	59510	8.683	nq	93
49) Acenaphthylene	14.31	152	364121	11.890	nq	95
50) Dimethylphthalate	14.05	163	294916	11.294	nq	96
51) 2,6-Dinitrotoluene	14.16	165	61084	10.350	nq	98
52) Acenaphthene	14.66	154	222129	10.343	nq	99
53) 3-Nitroaniline	14.49	138	63839	9.525	nq	89
54) 2,4-Dinitrophenol	14.69	184	14568	5.475	nq	97
55) Dibenzofuran	14.99	168	356703	12.065	nq	94
56) 4-Nitrophenol	14.79	139	48562	9.455	nq	93
57) 2,4-Dinitrotoluene	14.94	165	80424	10.014	nq	95
58) Fluorene	15.64	166	275966	11.777	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	70233	10.677	nq	98
60) Diethylphthalate	15.41	149	301842	11.557	nq	93
61) 4-Chlorophenyl-phenylether	15.64	204	141330	11.107	nq	95
62) 4-Nitroaniline	15.64	138	65798	9.941	nq	97
63) Azobenzene	15.93	77	284017	11.726	nq	96
65) 4,6-Dinitro-2-methylphenol	15.71	198	29150	7.539	nq	96
66) n-Nitrosodiphenylamine	15.84	169	251820	10.755	nq	96
67) 4-Bromophenyl-phenylether	16.53	248	88981	9.951	nq	98
68) Hexachlorobenzene	16.65	284	95120	9.872	nq	97
69) Atrazine	16.80	200	77575	10.193	nq	97
70) Pentachlorophenol	16.99	266	36839	6.936	nq	95
71) Phenanthrene	17.38	178	447962	11.747	nq	94
72) Anthracene	17.47	178	450403	11.951	nq	94
73) Carbazole	17.73	167	405696	11.653	nq	94
74) Di-n-butylphthalate	18.31	149	499617	11.240	nq	# 95
75) Fluoranthene	19.39	202	516956	11.853	nq	93
77) Benzidine	19.56	184	189293	10.867	nq	99
78) Pyrene	19.74	202	533806	11.801	nq	93
80) Butylbenzylphthalate	20.64	149	203754	9.461	nq	95
81) Benzo(a)anthracene	21.57	228	489055	11.381	nq	93
82) 3,3'-Dichlorobenzidine	21.48	252	175700	10.350	nq	98
83) Chrysene	21.63	228	462717	11.333	nq	92
84) Bis(2-ethylhexyl)phthalate	21.50	149	307437	10.346	nq	94
85) Di-n-octyl phthalate	22.69	149	502476	10.058	nq	97
86) Indeno(1,2,3-cd)pyrene	28.25	276	536150	9.662	nq	# 89
88) Benzo(b)fluoranthene	23.73	252	484261	10.686	nq	96
89) Benzo(k)fluoranthene	23.79	252	486446	11.288	nq	96
90) Benzo(a)pyrene	24.56	252	441239	10.316	nq	95
91) Dibenzo(a,h)anthracene	28.32	278	455070	10.594	nq	96
92) Benzo(g,h,i)perylene	29.35	276	444048	10.407	nq	96

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010220\
Data File : BG043875.D
Acq On : 2 Jan 2020 15:00
Operator : JU
Sample : K5111-02
Misc : L00-SOIL 10PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Manual Integrations
APPROVED

mohammad
1/3/2020 11:05:10 AM

Quant Time: Jan 02 16:34:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 02 16:18:03 2020
Response via : Initial Calibration

