

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121520\
 Data File : BG047742.D
 Acq On : 15 Dec 2020 11:33
 Operator : CG/JU
 Sample : L4485-05
 Misc : MDL-SOIL-05
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-05

Manual Integrations
 APPROVED

mohammad
 12/18/2020 10:23:18 AM

Quant Time: Dec 16 12:23:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG121120.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 11 14:20:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	26612	20.00	ng/ul	0.00
20) Naphthalene-d8	11.03	136	102392	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.82	164	78652	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.56	188	207165	20.00	ng/ul	0.00
79) Chrysene-d12	21.84	240	240710	20.00	ng/ul	0.00
88) Perylene-d12	25.18	264	247378	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	2755	4.56	ng/uL	0.00
4) Pyridine-d5	3.95	84	38423	22.37	ng/ul	0.00
7) Phenol-d5	7.34	99	70481	31.57	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.51	67	37600	31.97	ng/ul	0.00
11) 2-Chlorophenol-d4	7.73	132	51761	30.66	ng/ul	0.00
15) 4-Methylphenol-d8	8.90	113	56540	33.30	ng/ul	0.00
21) Nitrobenzene-d5	9.38	128	25268	29.33	ng/ul	0.00
24) 2-Nitrophenol-d4	10.10	143	31414	32.03	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.64	165	63368	30.59	ng/ul	0.00
31) 4-Chloroaniline-d4	11.16	131	70504	29.24	ng/ul	0.00
46) Dimethylphthalate-d6	14.22	166	204519	31.51	ng/ul	0.00
49) Acenaphthylene-d8	14.52	160	248440	33.47	ng/ul	0.00
54) 4-Nitrophenol-d4	14.99	143	29420	29.76	ng/ul	0.00
60) Fluorene-d10	15.81	176	183888	30.34	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.91	200	38736	27.32	ng/ul	0.00
73) Anthracene-d10	17.66	188	306117	30.39	ng/ul	0.00
81) Pyrene-d10	19.93	212	396175	30.40	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.96	264	413364	29.78	ng/ul	-0.01

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.56	88	304m	0.487	ng/uL
5) Pyridine	3.98	79	4449m	2.762	ng/ul
6) Benzaldehyde	7.33	77	4621	4.505	ng/ul# 58
8) Phenol	7.36	94	5568	2.538	ng/ul 86
10) Bis(2-Chloroethyl)ether	7.61	93	3880	2.543	ng/ul# 85
12) 2-Chlorophenol	7.76	128	4602	2.748	ng/ul 93
13) 2-Methylphenol	8.64	108	4345	2.603	ng/ul 88
14) 2,2'-oxybis(1-Chloropropan	8.73	45	3935	2.771	ng/ul# 89
16) Acetophenone	9.03	105	8186	2.870	ng/ul# 76
17) N-Nitroso-di-n-propylamine	9.01	70	4088	2.611	ng/ul# 75
18) 4-Methylphenol	8.96	108	4763	2.601	ng/ul 98
19) Hexachloroethane	9.30	117	2150	2.621	ng/ul# 80
22) Nitrobenzene	9.41	77	6731	2.624	ng/ul# 71
23) Isophorone	9.94	82	12581	2.823	ng/ul# 91
25) 2-Nitrophenol	10.13	139	2732	2.666	ng/ul# 82
26) 2,4-Dimethylphenol	10.18	107	5672	2.358	ng/ul 96
27) Bis(2-Chloroethoxy)methane	10.42	93	5016	2.359	ng/ul# 60
29) 2,4-Dichlorophenol	10.66	162	4826	2.539	ng/ul# 78
30) Naphthalene	11.08	128	14421	2.549	ng/ul# 94
32) 4-Chloroaniline	11.18	127	6303	2.735	ng/ul 91
33) Hexachlorobutadiene	11.36	225	4982	2.441	ng/ul# 75
34) Caprolactam	11.95	113	1895m	2.944	ng/ul

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.28	107	5491	2.621	ng/ul#	84
36) 2-Methylnaphthalene	12.67	142	11455	2.683	ng/ul	90
37) 1-Methylnaphthalene	12.88	142	10548	2.586	ng/ul#	95
39) 1,2,4,5-Tetrachlorobenzene	13.02	216	8903	2.749	ng/ul#	86
40) Hexachlorocyclopentadiene	13.01	237	3463	1.631	ng/ul	96
41) 2,4,6-Trichlorophenol	13.26	196	4387	2.259	ng/ul	84
42) 2,4,5-Trichlorophenol	13.34	196	5344	2.598	ng/ul#	69
43) 1,1'-Biphenyl	13.66	154	14882	2.450	ng/ul	98
44) 2-Chloronaphthalene	13.71	162	13571	2.838	ng/ul	93
45) 2-Nitroaniline	13.89	65	3825m	2.329	ng/ul	
47) Dimethylphthalate	14.26	163	17741	2.667	ng/ul#	95
48) 2,6-Dinitrotoluene	14.38	165	3982	2.834	ng/ul#	56
50) Acenaphthylene	14.55	152	18034	2.578	ng/ul#	93
51) 3-Nitroaniline	14.72	138	3401	3.371	ng/ul	85
52) Acenaphthene	14.89	153	13272	2.670	ng/ul	98
53) 2,4-Dinitrophenol	14.94	184	634	0.761	ng/ul#	75
55) 4-Nitrophenol	15.00	109	4742m	2.829	ng/ul	
56) Dibenzofuran	15.22	168	20491	2.846	ng/ul	96
57) 2,4-Dinitrotoluene	15.17	165	5045	2.505	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	15.44	232	4218	2.214	ng/ul#	87
59) Diethylphthalate	15.62	149	16660	2.530	ng/ul#	89
61) Fluorene	15.86	166	15966	2.580	ng/ul	97
62) 4-Chlorophenyl-phenylether	15.85	204	10047	2.596	ng/ul	91
63) 4-Nitroaniline	15.87	138	3346	3.527	ng/ul#	90
66) 4,6-Dinitro-2-methylphenol	15.93	198	3470	2.411	ng/ul#	89
67) N-Nitrosodiphenylamine	16.06	169	15478	2.685	ng/ul#	84
68) 4-Bromophenyl-phenylether	16.74	248	6874	2.584	ng/ul#	91
69) Hexachlorobenzene	16.87	284	8216	2.814	ng/ul#	82
70) Atrazine	17.00	200	6787	2.472	ng/ul#	92
71) Pentachlorophenol	17.21	266	1164	0.848	ng/ul#	71
72) Phenanthrene	17.60	178	29489	2.622	ng/ul	99
74) Anthracene	17.70	178	28376m	2.525	ng/ul	
75) 1,2,3,4-Tetrachlorobenzene	13.63	216	8944	2.664	ng/uL	96
76) Pentachlorobenzene	15.14	250	9613	2.934	ng/uL#	80
77) Carbazole	17.95	167	22979	2.508	ng/ul	97
78) Di-n-butylphthalate	18.50	149	27699	2.465	ng/ul	98
80) Fluoranthene	19.60	202	40047	2.427	ng/ul#	94
82) Pyrene	19.96	202	42882	2.633	ng/ul#	97
83) Butylbenzylphthalate	20.82	149	13844	2.437	ng/ul#	90
84) 3,3'-Dichlorobenzidine	21.72	252	16385	2.765	ng/ul#	98
85) Benzo(a)anthracene	21.81	228	45851	2.699	ng/ul	97
86) Bis(2-ethylhexyl)phthalate	21.70	149	19847	2.534	ng/ul#	90
87) Chrysene	21.88	228	43090m	2.673	ng/ul	
89) Di-n-octyl phthalate	22.95	149	35761	2.747	ng/ul	100
90) Benzo(b)fluoranthene	24.11	252	46470	2.688	ng/ul#	99
91) Benzo(k)fluoranthene	24.18	252	44883	2.627	ng/ul#	91
93) Benzo(a)pyrene	25.03	252	43955m	2.883	ng/ul	
94) Indeno(1,2,3-cd)pyrene	28.99	276	50019m	2.651	ng/ul	
95) Dibenzo(a,h)anthracene	29.08	278	43731m	2.791	ng/ul	
96) Benzo(g,h,i)perylene	30.23	276	41109m	2.645	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

