Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031221\
Data File : BG048373.D
Acq On : 12 Mar 2021 18:11
Operator : CG/JU
Sample : M1344-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT2-2021-03

Manual Integrations APPROVED
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3/15/2021 11:31:32 AM

Quant Time: Mar 12 23:00:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG031121.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 12 10:06:23 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	42490	20.00	ng/ul	0.00
20) Naphthalene-d8	10.94	136	160409	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.76	164	126861	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.51	188	339206	20.00	ng/ul	0.00
79) Chrysene-d12	21.81	240	396756	20.00	ng/ul	0.00
88) Perylene-d12	25.15	264	389598	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	4523	4.61	ng/uL	0.00
4) Pyridine-d5	3.93	84	81291	27.08	ng/ul	0.00
7) Phenol-d5	7.26	99	115623	31.32	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.44	67	77451	33.98	ng/ul	0.00
11) 2-Chlorophenol-d4	7.65	132	85519	33.34	ng/ul	0.00
15) 4-Methylphenol-d8	8.81	113	92340	30.49	ng/ul	0.00
21) Nitrobenzene-d5	9.29	128	41200	37.09	ng/ul	0.00
24) 2-Nitrophenol-d4	10.01	143	45293	37.25	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.55	165	96436	32.27	ng/ul	0.00
31) 4-Chloroaniline-d4	11.07	131	120156	31.93	ng/ul	0.00
46) Dimethylphthalate-d6	14.16	166	356154	34.13	ng/ul	0.00
49) Acenaphthylene-d8	14.45	160	406248	35.45	ng/ul	0.00
54) 4-Nitrophenol-d4	14.93	143	54752	35.23	ng/ul	0.00
60) Fluorene-d10	15.75	176	312301	33.90	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.86	200	58097	33.52	ng/ul	0.00
73) Anthracene-d10	17.61	188	545484	35.20	ng/ul	0.00
81) Pyrene-d10	19.89	212	671057	33.07	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.92	264	743512	35.20	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	1407m	1.430	ng/uL	
5) Pyridine	3.95	79	10090	3.365	ng/ul#	9
6) Benzaldehyde	7.25	77	12958	5.559	ng/ul#	81
8) Phenol	7.28	94	13460	3.449	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.53	93	10104	3.550	ng/ul	95
12) 2-Chlorophenol	7.68	128	9508	3.492	ng/ul	87
13) 2-Methylphenol	8.55	108	9729	3.332	ng/ul	94
14) 2,2'-oxybis(1-Chloropropan	8.64	45	11411	3.394	ng/ul#	92
16) Acetophenone	8.94	105	18816	3.790	ng/ul	94
17) N-Nitroso-di-n-propylamine	8.92	70	10110	3.435	ng/ul#	96
18) 4-Methylphenol	8.88	108	10224	3.336	ng/ul	87
19) Hexachloroethane	9.22	117	4001	3.153	ng/ul	89
22) Nitrobenzene	9.32	77	15381	4.201	ng/ul	92
23) Isophorone	9.85	82	27811	3.675	ng/ul#	94
25) 2-Nitrophenol	10.05	139	6082m	4.392	ng/ul	
26) 2,4-Dimethylphenol	10.09	107	13565	3.723	ng/ul#	89
27) Bis(2-Chloroethoxy)methane	10.33	93	12875	3.379	ng/ul#	88
29) 2,4-Dichlorophenol	10.58	162	10706	3.836	ng/ul#	82
30) Naphthalene	10.99	128	31562	3.723	ng/ul	97
32) 4-Chloroaniline	11.08	127	12702	3.432	ng/ul	97
33) Hexachlorobutadiene	11.28	225	10626	4.002	ng/ul	90
34) Caprolactam	11.87	113	4441m	4.176	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.20	107	11934	3.645	ng/ul	99
36) 2-Methylnaphthalene	12.59	142	23587	3.607	ng/ul	99
37) 1-Methylnaphthalene	12.81	142	22836	3.526	ng/ul	87
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	17975	3.722	ng/ul	89
40) Hexachlorocyclopentadiene	12.94	237	12130	3.459	ng/ul	88
41) 2,4,6-Trichlorophenol	13.18	196	9635	3.242	ng/ul	84
42) 2,4,5-Trichlorophenol	13.26	196	11642	3.650	ng/ul	88
43) 1,1'-Biphenyl	13.59	154	35434	3.775	ng/ul	95
44) 2-Chloronaphthalene	13.63	162	27680	3.764	ng/ul	94
45) 2-Nitroaniline	13.83	65	9563	4.210	ng/ul	86
47) Dimethylphthalate	14.20	163	40533	3.845	ng/ul	98
48) 2,6-Dinitrotoluene	14.32	165	7500	4.154	ng/ul	89
50) Acenaphthylene	14.48	152	40636	3.698	ng/ul	98
51) 3-Nitroaniline	14.65	138	7160	4.125	ng/ul#	95
52) Acenaphthene	14.82	153	29908	3.670	ng/ul	92
53) 2,4-Dinitrophenol	14.85	184	4408	3.670	ng/ul	97
55) 4-Nitrophenol	14.94	109	8098	3.934	ng/ul#	83
56) Dibenzofuran	15.16	168	42821	3.699	ng/ul	92
57) 2,4-Dinitrotoluene	15.10	165	10593	4.079	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.37	232	10536	3.494	ng/ul#	88
59) Diethylphthalate	15.57	149	41482	3.937	ng/ul#	97
61) Fluorene	15.81	166	37130	3.768	ng/ul	95
62) 4-Chlorophenyl-phenylether	15.80	204	22276	3.727	ng/ul	97
63) 4-Nitroaniline	15.80	138	8251	4.565	ng/ul#	85
66) 4,6-Dinitro-2-methylphenol	15.86	198	7029	3.862	ng/ul#	55
67) N-Nitrosodiphenylamine	16.01	169	34777	3.701	ng/ul	93
68) 4-Bromophenyl-phenylether	16.70	248	15796	3.661	ng/ul#	86
69) Hexachlorobenzene	16.81	284	17412	3.840	ng/ul	96
70) Atrazine	16.95	200	15521	3.671	ng/ul	96
71) Pentachlorophenol	17.15	266	9762	3.394	ng/ul#	87
72) Phenanthrene	17.55	178	65483	3.802	ng/ul	93
74) Anthracene	17.64	178	66716	3.765	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.56	216	17890	3.364	ng/uL#	79
76) Pentachlorobenzene	15.07	250	18362	3.296	ng/uL	94
77) Carbazole	17.91	167	56796	3.783	ng/ul#	95
78) Di-n-butylphthalate	18.47	149	68436	3.642	ng/ul	99
80) Fluoranthene	19.56	202	94672	3.760	ng/ul#	95
82) Pyrene	19.92	202	92093	3.663	ng/ul	98
83) Butylbenzylphthalate	20.81	149	31270	3.478	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.70	252	34243	3.524	ng/ul	89
85) Benzo(a)anthracene	21.78	228	98957	3.775	ng/ul	97
86) Bis(2-ethylhexyl)phthalate	21.70	149	45379	3.462	ng/ul	98
87) Chrysene	21.85	228	94512	3.770	ng/ul	98
89) Di-n-octyl phthalate	22.96	149	75224	3.547	ng/ul	100
90) Benzo(b)fluoranthene	24.08	252	94625	3.672	ng/ul#	96
91) Benzo(k)fluoranthene	24.15	252	94494	3.732	ng/ul	100
93) Benzo(a)pyrene	24.99	252	83007	3.667	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	28.98	276	108580m	3.729	ng/ul	
95) Dibenzo(a,h)anthracene	29.06	278	92062	3.889	ng/ul#	92
96) Benzo(g,h,i)perylene	30.17	276	89877m	3.808	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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