Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033121\
Data File : BG048526.D
Acq On : 31 Mar 2021 13:03
Operator : CG/JU
Sample : M1458-01
Misc : LOD-MDL-SOIL-4PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOD-MDL-SOIL-01-QT1-2021

Quant Time: Mar 31 13:44:12 2021
Quant Title :
QLast Update : Wed Mar 31 11:41:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.102	152	15104	20.00	ng		0.00
21) Naphthalene-d8	10.928	136	60416	20.00	ng		0.00
39) Acenaphthene-d10	14.747	164	43291	20.00	ng		0.00
64) Phenanthrene-d10	17.503	188	109130	20.00	ng		0.00
76) Chrysene-d12	21.798	240	112872	20.00	ng	#	0.00
86) Perylene-d12	25.141	264	111511	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.641	112	75137	87.83	ng		0.00
7) Phenol-d6	7.250	99	103317	83.27	ng		0.00
23) Nitrobenzene-d5	9.272	82	79725	63.89	ng		0.00
42) 2,4,6-Tribromophenol	16.240	330	50762	89.20	ng		0.00
45) 2-Fluorobiphenyl	13.373	172	198550	68.17	ng		0.00
79) Terphenyl-d14	20.112	244	409565	66.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.514	88	1492	4.33	ng		88
3) Pyridine	3.942	79	3161	3.66	ng	#	73
4) n-Nitrosodimethylamine	3.831	42	1778	3.15	ng	#	87
6) Aniline	7.415	93	6505	4.56	ng	#	88
8) 2-Chlorophenol	7.656	128	4243	4.39	ng		84
9) Benzaldehyde	7.227	77	4627	5.83	ng		92
10) Phenol	7.268	94	5071	4.08	ng		89
11) bis(2-Chloroethyl)ether	7.515	93	3840	4.46	ng		94
12) 1,3-Dichlorobenzene	7.985	146	4493	4.13	ng	#	92
13) 1,4-Dichlorobenzene	8.138	146	5053	4.60	ng	#	89
14) 1,2-Dichlorobenzene	8.455	146	4874m	4.63	ng		
15) Benzyl Alcohol	8.331	79	4290	4.22	ng	#	88
16) 2,2'-oxybis(1-Chloropr...	8.619	45	3620	4.35	ng		73
17) 2-Methylphenol	8.543	107	2887	3.59	ng	#	89
18) Hexachloroethane	9.189	117	2055	5.04	ng	#	76
19) n-Nitroso-di-n-propyla...	8.901	70	3338	3.90	ng		97
20) 3+4-Methylphenols	8.866	107	4425	3.97	ng		79
22) Acetophenone	8.925	105	6826	4.38	ng	#	92
24) Nitrobenzene	9.319	77	5695	4.65	ng	#	84
25) Isophorone	9.836	82	9634	4.18	ng		97
26) 2-Nitrophenol	10.029	139	2086	3.71	ng	#	66
27) 2,4-Dimethylphenol	10.082	122	4217	4.76	ng		93
28) bis(2-Chloroethoxy)met...	10.317	93	4849	4.59	ng	#	90
29) 2,4-Dichlorophenol	10.576	162	3610	3.60	ng		88
30) 1,2,4-Trichlorobenzene	10.787	180	4877	4.23	ng	#	91
31) Naphthalene	10.981	128	13953	4.49	ng	#	93
32) Benzoic acid	10.153	122	790m	1.16	ng		
33) 4-Chloroaniline	11.081	127	5959	4.55	ng	#	80
34) Hexachlorobutadiene	11.263	225	2762	3.28	ng	#	88
35) Caprolactam	11.821	113	1896m	5.18	ng		
36) 4-Chloro-3-methylphenol	12.192	107	4732	4.20	ng	#	73
37) 2-Methylnaphthalene	12.579	142	11044	4.47	ng		96
38) 1-Methylnaphthalene	12.803	142	10212	4.33	ng	#	85
40) 1,2,4,5-Tetrachloroben...	12.944	216	6582	4.90	ng		96
41) Hexachlorocyclopentadiene	12.920	237	3780	4.86	ng		95
43) 2,4,6-Trichlorophenol	13.179	196	3414	3.70	ng		87
44) 2,4,5-Trichlorophenol	13.249	196	3525	3.57	ng	#	83

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.584	154	14551	4.60	ng		97
47) 2-Chloronaphthalene	13.631	162	10412	4.32	ng	#	88
48) 2-Nitroaniline	13.825	65	3250	4.24	ng	#	74
49) Acenaphthylene	14.471	152	16134	4.27	ng		96
50) Dimethylphthalate	14.195	163	14958	4.66	ng	#	91
51) 2,6-Dinitrotoluene	14.313	165	3068	4.17	ng		92
52) Acenaphthene	14.812	154	11290	4.13	ng	#	91
53) 3-Nitroaniline	14.642	138	3293	4.57	ng	#	81
54) 2,4-Dinitrophenol	14.847	184	685	1.66	ng	#	63
55) Dibenzofuran	15.147	168	17920	4.49	ng		97
56) 4-Nitrophenol	14.953	139	2092	3.60	ng	#	66
57) 2,4-Dinitrotoluene	15.100	165	4460	4.29	ng	#	92
58) Fluorene	15.799	166	14310	4.28	ng		91
59) 2,3,4,6-Tetrachlorophenol	15.370	232	3422	3.55	ng	#	91
60) Diethylphthalate	15.552	149	14377	4.35	ng	#	94
61) 4-Chlorophenyl-phenyle...	15.787	204	7767	4.32	ng		96
62) 4-Nitroaniline	15.811	138	3009	3.99	ng	#	77
63) Azobenzene	16.081	77	14225	4.38	ng		97
65) 4,6-Dinitro-2-methylph...	15.858	198	2200	3.36	ng	#	76
66) n-Nitrosodiphenylamine	15.999	169	12363	3.98	ng		90
67) 4-Bromophenyl-phenylether	16.686	248	5495	4.54	ng		88
68) Hexachlorobenzene	16.798	284	6081	4.81	ng		93
69) Atrazine	16.945	200	4847	3.83	ng		86
70) Pentachlorophenol	17.151	266	1782	2.27	ng	#	86
71) Phenanthrene	17.544	178	25029m	4.42	ng		
72) Anthracene	17.638	178	26018	4.61	ng		95
73) Carbazole	17.903	167	23248	4.34	ng		97
74) Di-n-butylphthalate	18.461	149	26075	4.36	ng		98
75) Fluoranthene	19.554	202	31276	4.45	ng		95
77) Benzidine	19.730	184	14387	3.76	ng	#	94
78) Pyrene	19.918	202	31775m	4.09	ng		
80) Butylbenzylphthalate	20.799	149	11309	3.92	ng		96
81) Benzo(a)anthracene	21.780	228	32833	4.35	ng		97
82) 3,3'-Dichlorobenzidine	21.686	252	11330	4.37	ng		97
83) Chrysene	21.845	228	31893	4.43	ng		96
84) Bis(2-ethylhexyl)phtha...	21.675	149	16223	4.04	ng		97
85) Di-n-octyl phthalate	22.932	149	27632	3.95	ng		100
87) Indeno(1,2,3-cd)pyrene	28.972	276	34130m	4.37	ng		
88) Benzo(b)fluoranthene	24.078	252	30915	4.27	ng	#	95
89) Benzo(k)fluoranthene	24.142	252	30501	4.38	ng		95
90) Benzo(a)pyrene	24.977	252	28636	4.29	ng		93
91) Dibenzo(a,h)anthracene	29.031	278	26494	3.97	ng	#	96
92) Benzo(g,h,i)perylene	30.159	276	27589	4.22	ng	#	91

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

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