Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022522\
Data File : BG052490.D
Acq On : 25 Feb 2022 16:02
Operator : CG/JU
Sample : N1331-06
Misc : SFAM-MDL-MESOIL02
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2022-02

Quant Time: Feb 25 16:51:37 2022
Quant Title :
QLast Update : Tue Feb 22 17:32:12 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.231	152	24177	20.000	ng/ul	0.00
20) Naphthalene-d8	11.069	136	102729	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.875	164	78048	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.619	188	199230	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.936	240	213961	20.000	ng/ul	# 0.00
88) Perylene-d12	25.402	264	209166	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.544	96	2256	3.660	ng/uL	0.00
4) Pyridine-d5	3.984	84	22800	12.262	ng/ul	0.00
7) Phenol-d5	7.374	99	29433	12.839	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.538	67	18663	13.930	ng/ul	0.00
11) 2-Chlorophenol-d4	7.756	132	22047	13.692	ng/ul	0.00
15) 4-Methylphenol-d8	8.936	113	23904	13.401	ng/ul	0.00
21) Nitrobenzene-d5	9.406	128	12093	13.809	ng/ul	0.00
24) 2-Nitrophenol-d4	10.135	143	13614	14.192	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.687	165	23139	12.935	ng/ul	0.01
31) 4-Chloroaniline-d4	11.198	131	34786	14.032	ng/ul	0.00
46) Dimethylphthalate-d6	14.259	166	90743	14.302	ng/ul	0.00
49) Acenaphthylene-d8	14.570	160	113335	14.470	ng/ul	0.00
54) 4-Nitrophenol-d4	15.063	143	11188m	11.092	ng/ul	0.00
60) Fluorene-d10	15.862	176	81944	14.702	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.974	200	12088	9.569	ng/ul	0.00
73) Anthracene-d10	17.719	188	138394	14.379	ng/ul	0.00
81) Pyrene-d10	19.998	212	174955	13.974	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.161	264	159770	14.238	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.591	88	1324	1.846	ng/uL#	66
5) Pyridine	4.008	79	8601m	4.582	ng/ul	
6) Benzaldehyde	7.356	77	6342	4.871	ng/ul	96
8) Phenol	7.403	94	9994	4.310	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.632	93	7823	4.561	ng/ul	95
12) 2-Chlorophenol	7.791	128	7489	4.464	ng/ul#	88
13) 2-Methylphenol	8.672	108	7466	4.254	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.766	45	10950m	4.665	ng/ul	
16) Acetophenone	9.060	105	12557	4.569	ng/ul#	94
17) N-Nitroso-di-n-propyla...	9.036	70	7344	4.539	ng/ul#	94
18) 4-Methylphenol	9.001	108	7889	4.226	ng/ul	83
19) Hexachloroethane	9.330	117	3339	5.091	ng/ul#	79
22) Nitrobenzene	9.447	77	9938	4.427	ng/ul	92
23) Isophorone	9.970	82	19374	4.473	ng/ul	97
25) 2-Nitrophenol	10.158	139	4355m	4.320	ng/ul	
26) 2,4-Dimethylphenol	10.217	107	8834	4.261	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.446	93	10910	4.654	ng/ul	96
29) 2,4-Dichlorophenol	10.710	162	7320	4.326	ng/ul	93
30) Naphthalene	11.116	128	26431	4.625	ng/ul	96
32) 4-Chloroaniline	11.222	127	12612m	4.959	ng/ul	
33) Hexachlorobutadiene	11.404	225	6340	4.748	ng/ul	95
34) Caprolactam	11.968	113	2390m	3.796	ng/ul	
35) 4-Chloro-3-methylphenol	12.338	107	7582	4.011	ng/ul	94
36) 2-Methylnaphthalene	12.714	142	18534	4.526	ng/ul	86
37) 1-Methylnaphthalene	12.931	142	19869	4.767	ng/ul	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	13.078	216	12390	4.523	ng/ul	97
40) Hexachlorocyclopentadiene	13.060	237	5138	3.875	ng/ul#	92
41) 2,4,6-Trichlorophenol	13.313	196	5526m	3.364	ng/ul	
42) 2,4,5-Trichlorophenol	13.401	196	6656m	3.801	ng/ul	
43) 1,1'-Biphenyl	13.706	154	28743	4.632	ng/ul	92
44) 2-Chloronaphthalene	13.753	162	21389	4.532	ng/ul	96
45) 2-Nitroaniline	13.947	65	6472	4.199	ng/ul	92
47) Dimethylphthalate	14.306	163	28845	4.651	ng/ul#	99
48) 2,6-Dinitrotoluene	14.435	165	4993	3.676	ng/ul	96
50) Acenaphthylene	14.593	152	36801	4.702	ng/ul	97
51) 3-Nitroaniline	14.770	138	4894	4.425	ng/ul#	62
52) Acenaphthene	14.934	153	23627	4.590	ng/ul	96
53) 2,4-Dinitrophenol	14.993	184	2551	3.798	ng/ul#	68
55) 4-Nitrophenol	15.081	109	4665m	4.769	ng/ul	
56) Dibenzofuran	15.269	168	36711	4.961	ng/ul	95
57) 2,4-Dinitrotoluene	15.222	165	8226	4.181	ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	15.498	232	5959	3.755	ng/ul#	90
59) Diethylphthalate	15.663	149	29293	4.672	ng/ul	97
61) Fluorene	15.915	166	29998	4.819	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.903	204	15777	4.657	ng/ul	90
63) 4-Nitroaniline	15.927	138	4074m	3.836	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.992	198	5843	4.773	ng/ul#	98
67) N-Nitrosodiphenylamine	16.115	169	24477	4.360	ng/ul	90
68) 4-Bromophenyl-phenylether	16.796	248	10446	4.368	ng/ul#	89
69) Hexachlorobenzene	16.931	284	12962	4.724	ng/ul#	81
70) Atrazine	17.055	200	10876	4.396	ng/ul	97
71) Pentachlorophenol	17.284	266	5812	4.703	ng/ul#	82
72) Phenanthrene	17.660	178	49297	4.594	ng/ul	98
74) Anthracene	17.754	178	50367	4.664	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.677	216	13718	4.353	ng/uL	95
76) Pentachlorobenzene	15.193	250	13842	4.600	ng/uL	96
77) Carbazole	18.018	167	43733	4.559	ng/ul#	96
78) Di-n-butylphthalate	18.559	149	49563	4.345	ng/ul	98
80) Fluoranthene	19.663	202	65281	4.416	ng/ul#	95
82) Pyrene	20.027	202	68984	4.700	ng/ul#	89
83) Butylbenzylphthalate	20.897	149	20816	3.923	ng/ul	85
84) 3,3'-Dichlorobenzidine	21.819	252	19809	4.191	ng/ul#	98
85) Benzo(a)anthracene	21.913	228	65991	4.552	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.790	149	30854	4.148	ng/ul#	96
87) Chrysene	21.983	228	63388	4.561	ng/ul	96
89) Di-n-octyl phthalate	23.082	149	49004	4.052	ng/ul	100
90) Benzo(b)fluoranthene	24.292	252	63068m	4.325	ng/ul	
91) Benzo(k)fluoranthene	24.363	252	62901	4.676	ng/ul	96
93) Benzo(a)pyrene	25.238	252	63127	4.601	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	29.409	276	68185m	4.371	ng/ul	
95) Dibenzo(a,h)anthracene	29.462	278	58232	4.373	ng/ul#	95
96) Benzo(g,h,i)perylene	30.654	276	58712m	4.483	ng/ul	

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

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