Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011421\
Data File : BG047919.D
Acq On : 14 Jan 2021 15:44
Operator : CG/JU
Sample : L5214-05
Misc : PBBL-SFAM-MDL-ME-01
ALS Vial : 8 Sample Multiplier: 1

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

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Quant Time: Jan 14 16:24:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG011321.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 13 15:41:08 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	97966	20.00	ng/ul	0.00
20) Naphthalene-d8	10.97	136	388652	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.78	164	273767	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.52	188	682685	20.00	ng/ul	0.00
79) Chrysene-d12	21.80	240	731430	20.00	ng/ul	0.00
88) Perylene-d12	25.11	264	687080	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.57	96	9037	3.23	ng/uL	0.00
4) Pyridine-d5	3.98	84	164589	22.16	ng/ul	0.00
7) Phenol-d5	7.29	99	333322	39.48	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.48	67	227020	42.30	ng/ul	0.00
11) 2-Chlorophenol-d4	7.68	132	257526	39.94	ng/ul	0.00
15) 4-Methylphenol-d8	8.84	113	279687	41.92	ng/ul	0.00
21) Nitrobenzene-d5	9.31	128	122257	50.34	ng/ul	0.00
24) 2-Nitrophenol-d4	10.04	143	124629	48.49	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.58	165	278303	40.25	ng/ul	0.00
31) 4-Chloroaniline-d4	11.09	131	360913	39.11	ng/ul	0.00
46) Dimethylphthalate-d6	14.18	166	908203	40.23	ng/ul	0.00
49) Acenaphthylene-d8	14.47	160	1075247	40.29	ng/ul	0.00
54) 4-Nitrophenol-d4	14.94	143	140926	42.39	ng/ul	0.00
60) Fluorene-d10	15.77	176	785779	39.00	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.87	200	122223	39.96	ng/ul	0.00
73) Anthracene-d10	17.62	188	1236816	37.81	ng/ul	0.00
81) Pyrene-d10	19.90	212	1493749	37.53	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.89	264	1473740	38.71	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.60	88	2981	1.020	ng/uL#	58
5) Pyridine	4.00	79	29136	3.869	ng/ul#	66
6) Benzaldehyde	7.28	77	22545	5.902	ng/ul	95
8) Phenol	7.32	94	33054	3.876	ng/ul#	89
10) Bis(2-Chloroethyl)ether	7.56	93	27211	4.136	ng/ul	97
12) 2-Chlorophenol	7.71	128	23028	3.619	ng/ul	97
13) 2-Methylphenol	8.58	108	25126	3.831	ng/ul	95
14) 2,2'-oxybis(1-Chloropropan	8.68	45	39385	3.983	ng/ul#	95
16) Acetophenone	8.98	105	41920	4.088	ng/ul	90
17) N-Nitroso-di-n-propylamine	8.96	70	23439	3.919	ng/ul#	91
18) 4-Methylphenol	8.90	108	26406	3.878	ng/ul	90
19) Hexachloroethane	9.24	117	11032	3.912	ng/ul	97
22) Nitrobenzene	9.36	77	31951	4.386	ng/ul	95
23) Isophorone	9.88	82	65774	3.857	ng/ul#	94
25) 2-Nitrophenol	10.07	139	13364	4.625	ng/ul	94
26) 2,4-Dimethylphenol	10.12	107	32210	4.010	ng/ul	91
27) Bis(2-Chloroethoxy)methane	10.37	93	36359	3.990	ng/ul#	95
29) 2,4-Dichlorophenol	10.60	162	25669	4.059	ng/ul	89
30) Naphthalene	11.02	128	81913	3.923	ng/ul	98
32) 4-Chloroaniline	11.12	127	33978	4.025	ng/ul	99
33) Hexachlorobutadiene	11.31	225	21401	3.736	ng/ul	97
34) Caprolactam	11.91	113	8437m	3.601	ng/ul	

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35) 4-Chloro-3-methylphenol	12.22	107	26218	3.666	ng/ul	91
36) 2-Methylnaphthalene	12.62	142	63222	4.054	ng/ul	98
37) 1-Methylnaphthalene	12.83	142	60008	4.027	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	41193	3.966	ng/ul	97
40) Hexachlorocyclopentadiene	12.96	237	20812	3.301	ng/ul#	83
41) 2,4,6-Trichlorophenol	13.20	196	23662	3.866	ng/ul	99
42) 2,4,5-Trichlorophenol	13.27	196	24825	3.836	ng/ul	98
43) 1,1'-Biphenyl	13.61	154	87547	4.088	ng/ul	90
44) 2-Chloronaphthalene	13.66	162	65299	3.918	ng/ul	96
45) 2-Nitroaniline	13.84	65	16201	4.128	ng/ul	96
47) Dimethylphthalate	14.22	163	87815	3.808	ng/ul	96
48) 2,6-Dinitrotoluene	14.34	165	13985	4.057	ng/ul#	94
50) Acenaphthylene	14.50	152	93185	3.637	ng/ul	97
51) 3-Nitroaniline	14.66	138	14523	4.798	ng/ul#	96
52) Acenaphthene	14.84	153	70818	3.799	ng/ul	97
53) 2,4-Dinitrophenol	14.86	184	7370	3.433	ng/ul#	48
55) 4-Nitrophenol	14.95	109	14170	4.021	ng/ul	95
56) Dibenzofuran	15.17	168	100857	3.999	ng/ul	94
57) 2,4-Dinitrotoluene	15.12	165	20412	4.270	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.39	232	22163	3.750	ng/ul	94
59) Diethylphthalate	15.58	149	91073	3.962	ng/ul	99
61) Fluorene	15.82	166	79983	3.741	ng/ul	92
62) 4-Chlorophenyl-phenylether	15.81	204	44814	3.651	ng/ul	96
63) 4-Nitroaniline	15.82	138	15596	5.078	ng/ul	93
66) 4,6-Dinitro-2-methylphenol	15.88	198	12598	3.720	ng/ul#	48
67) N-Nitrosodiphenylamine	16.02	169	78156	3.953	ng/ul	94
68) 4-Bromophenyl-phenylether	16.71	248	31094	3.695	ng/ul	97
69) Hexachlorobenzene	16.82	284	31758	3.691	ng/ul	94
70) Atrazine	16.96	200	32936	3.963	ng/ul	97
71) Pentachlorophenol	17.16	266	17227	3.292	ng/ul	93
72) Phenanthrene	17.56	178	142935	3.866	ng/ul	98
74) Anthracene	17.65	178	141562	3.830	ng/ul	97
75) 1,2,3,4-Tetrachlorobenzene	13.57	216	40933	3.806	ng/uL	99
76) Pentachlorobenzene	15.09	250	37348	3.564	ng/uL	94
77) Carbazole	17.91	167	128003	4.204	ng/ul	99
78) Di-n-butylphthalate	18.48	149	156793	3.919	ng/ul	98
80) Fluoranthene	19.56	202	197530	3.931	ng/ul	99
82) Pyrene	19.92	202	188987	3.827	ng/ul	99
83) Butylbenzylphthalate	20.81	149	64334	3.703	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.69	252	65195	3.838	ng/ul	99
85) Benzo(a)anthracene	21.78	228	201745	3.944	ng/ul	97
86) Bis(2-ethylhexyl)phthalate	21.70	149	95455	3.704	ng/ul	99
87) Chrysene	21.85	228	192901	3.922	ng/ul	98
89) Di-n-octyl phthalate	22.95	149	158262	4.055	ng/ul	100
90) Benzo(b)fluoranthene	24.06	252	192787	4.069	ng/ul	98
91) Benzo(k)fluoranthene	24.13	252	191453	4.121	ng/ul	99
93) Benzo(a)pyrene	24.96	252	161120	3.772	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	28.89	276	210247m	3.985	ng/ul	
95) Dibenzo(a,h)anthracene	28.96	278	175812	4.083	ng/ul	98
96) Benzo(g,h,i)perylene	30.06	276	177777	4.095	ng/ul	97

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

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