Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072820\
Data File : BG046098.D
Acq On : 28 Jul 2020 11:22
Operator : CG/JU
Sample : L1955-07
Misc : MDL-SOIL-07
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-SOIL-07

Manual Integrations APPROVED
mohammad
7/29/2020 11:46:43 AM

Quant Time: Jul 28 11:59:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 28 10:34:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	103007	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	423750	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	287290	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	624144	20.00	ng/ul	0.00
78) Chrysene-d12	21.57	240	640162	20.00	ng/ul	0.00
86) Perylene-d12	24.69	264	709233	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	14666	7.03	ng/uL	0.00
5) Phenol-d5	7.13	99	220452	27.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.28	67	141295	28.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	182308	28.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	180966	26.54	ng/ul	0.00
19) Nitrobenzene-d5	9.11	128	89594	29.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.83	143	94255	30.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.37	165	186074	26.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	253664	32.54	ng/ul	0.00
44) Dimethylphthalate-d6	13.99	166	630969	28.16	ng/ul	0.00
47) Acenaphthylene-d8	14.28	160	758596	28.53	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	87733	23.98	ng/ul	0.00
58) Fluorene-d10	15.58	176	555481	27.24	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	81814	26.19	ng/ul	0.00
71) Anthracene-d10	17.43	188	827797	28.76	ng/ul	0.00
79) Pyrene-d10	19.71	212	990117	29.24	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.48	264	1026190	26.11	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	3311	1.296	ng/uL#	86
4) Benzaldehyde	7.10	77	13105m	2.274	ng/ul	
6) Phenol	7.15	94	27934	3.355	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.38	93	23330	3.424	ng/ul	96
10) 2-Chlorophenol	7.53	128	22402	3.415	ng/ul	93
11) 2-Methylphenol	8.40	108	19969	2.976	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.49	45	40211	3.491	ng/ul	96
14) Acetophenone	8.78	105	35634	3.541	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.76	70	18129	3.330	ng/ul	98
16) 4-Methylphenol	8.73	108	22684	3.156	ng/ul	93
17) Hexachloroethane	9.05	117	9628	3.459	ng/ul	95
20) Nitrobenzene	9.15	77	26540	3.453	ng/ul	93
21) Isophorone	9.68	82	49541	3.298	ng/ul	98
23) 2-Nitrophenol	9.86	139	11351	3.316	ng/ul	92
24) 2,4-Dimethylphenol	9.93	107	21728	2.864	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.16	93	31932	3.361	ng/ul	99
27) 2,4-Dichlorophenol	10.40	162	23213	3.403	ng/ul	88
28) Naphthalene	10.81	128	76882	3.390	ng/ul	97
30) 4-Chloroaniline	10.91	127	30652	4.089	ng/ul	95
31) Hexachlorobutadiene	11.11	225	18035	3.436	ng/ul	91
32) Caprolactam	11.67	113	5435m	2.364	ng/ul	
33) 4-Chloro-3-methylphenol	12.03	107	19964	2.854	ng/ul	98
34) 2-Methylnaphthalene	12.41	142	59304	3.478	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.63	142	58491	3.474 ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.78	216	36133	3.638 ng/ul	98
38) Hexachlorocyclopentadiene	12.77	237	12740	2.240 ng/ul#	96
39) 2,4,6-Trichlorophenol	13.02	196	16854	2.903 ng/ul	97
40) 2,4,5-Trichlorophenol	13.09	196	18649	2.955 ng/ul	93
41) 1,1'-Biphenyl	13.42	154	80081	3.603 ng/ul	98
42) 2-Chloronaphthalene	13.46	162	61652	3.476 ng/ul	100
43) 2-Nitroaniline	13.66	65	13140	3.143 ng/ul#	79
45) Dimethylphthalate	14.04	163	76201	3.391 ng/ul#	98
46) 2,6-Dinitrotoluene	14.15	165	13130	3.064 ng/ul	97
48) Acenaphthylene	14.31	152	94024	3.456 ng/ul	98
49) 3-Nitroaniline	14.48	138	10902	2.701 ng/ul#	96
50) Acenaphthene	14.65	153	65479	3.343 ng/ul	98
51) 2,4-Dinitrophenol	14.69	184	3851	2.030 ng/ul	95
53) 4-Nitrophenol	14.79	109	7561	2.879 ng/ul#	86
54) Dibenzofuran	14.98	168	97298	3.642 ng/ul	98
55) 2,4-Dinitrotoluene	14.93	165	19506	3.196 ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.21	232	18076	3.072 ng/ul#	95
57) Diethylphthalate	15.40	149	73952	3.332 ng/ul	99
59) Fluorene	15.63	166	79262	3.499 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.63	204	40540	3.406 ng/ul	97
61) 4-Nitroaniline	15.64	138	11401m	2.533 ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.70	198	11012	3.310 ng/ul#	78
65) N-Nitrosodiphenylamine	15.83	169	66204	3.648 ng/ul	95
66) 4-Bromophenyl-phenylether	16.52	248	27840	3.589 ng/ul	95
67) Hexachlorobenzene	16.64	284	31387	3.585 ng/ul	98
68) Atrazine	16.78	200	24503	3.377 ng/ul	93
69) Pentachlorophenol	16.98	266	11218m	2.404 ng/ul	
70) Phenanthrene	17.37	178	128848	3.699 ng/ul	98
72) Anthracene	17.46	178	123763	3.566 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.39	216	37543	4.006 ng/uL	99
74) Pentachlorobenzene	14.90	250	35233	3.722 ng/uL	93
75) Carbazole	17.72	167	106618	3.828 ng/ul	97
76) Di-n-butylphthalate	18.30	149	114483	3.341 ng/ul	100
77) Fluoranthene	19.38	202	156833	4.105 ng/ul	99
80) Pyrene	19.73	202	160232	3.702 ng/ul	99
81) Butylbenzylphthalate	20.63	149	47502	3.197 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.47	252	43147	3.140 ng/ul	97
83) Benzo(a)anthracene	21.56	228	158619	3.762 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.49	149	68370	3.163 ng/ul	94
85) Chrysene	21.62	228	152947	3.732 ng/ul	99
87) Di-n-octyl phthalate	22.67	149	110735	2.988 ng/ul	100
88) Benzo(b)fluoranthene	23.70	252	156857	3.274 ng/ul	97
89) Benzo(k)fluoranthene	23.76	252	152659	3.245 ng/ul	97
91) Benzo(a)pyrene	24.54	252	153538m	3.494 ng/ul	
92) Indeno(1,2,3-cd)pyrene	28.20	276	163311	2.976 ng/ul	97
93) Dibenzo(a,h)anthracene	28.27	278	135106m	3.010 ng/ul	
94) Benzo(g,h,i)perylene	29.29	276	142319	3.068 ng/ul	97

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

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