Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072420\
Data File : BG046071.D
Acq On : 24 Jul 2020 19:40
Operator : CG/JU
Sample : L1955-15
Misc : MDL-SOILME-01
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-ME-SOIL-01

Manual Integrations APPROVED
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Quant Time: Jul 24 23:56:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 24 10:06:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	111581	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	479459	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	327448	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	721744	20.00	ng/ul	0.00
78) Chrysene-d12	21.58	240	729475	20.00	ng/ul	0.00
86) Perylene-d12	24.70	264	817433	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	4244	1.88	ng/uL	0.00
5) Phenol-d5	7.12	99	234285	26.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	144664	26.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	188453	26.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.67	113	191762	25.96	ng/ul	0.00
19) Nitrobenzene-d5	9.11	128	94117	27.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.84	143	104177	30.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	205083	26.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	274826	31.16	ng/ul	0.00
44) Dimethylphthalate-d6	14.00	166	679448	26.60	ng/ul	0.00
47) Acenaphthylene-d8	14.28	160	816799	26.95	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	102325	24.53	ng/ul	0.00
58) Fluorene-d10	15.58	176	607459	26.14	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	92978	25.74	ng/ul	0.00
71) Anthracene-d10	17.43	188	885781	26.61	ng/ul	0.00
79) Pyrene-d10	19.71	212	1070534	27.75	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.48	264	1124338	24.82	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	5016	1.813	ng/uL#	93
4) Benzaldehyde	7.10	77	15507m	2.484	ng/ul	
6) Phenol	7.15	94	36268	4.021	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.38	93	30795	4.172	ng/ul	95
10) 2-Chlorophenol	7.53	128	28938	4.073	ng/ul	98
11) 2-Methylphenol	8.40	108	25962	3.572	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.50	45	52542	4.212	ng/ul	100
14) Acetophenone	8.78	105	46355	4.253	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.77	70	23683	4.016	ng/ul	97
16) 4-Methylphenol	8.73	108	31020	3.984	ng/ul	90
17) Hexachloroethane	9.05	117	12520	4.153	ng/ul	95
20) Nitrobenzene	9.15	77	34724	3.993	ng/ul	95
21) Isophorone	9.68	82	65747	3.868	ng/ul	96
23) 2-Nitrophenol	9.87	139	17263	4.457	ng/ul	94
24) 2,4-Dimethylphenol	9.93	107	27804	3.239	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.17	93	41332	3.844	ng/ul	97
27) 2,4-Dichlorophenol	10.41	162	31829	4.124	ng/ul	97
28) Naphthalene	10.81	128	101110	3.940	ng/ul	97
30) 4-Chloroaniline	10.91	127	41884	4.938	ng/ul	97
31) Hexachlorobutadiene	11.11	225	22786	3.836	ng/ul	93
32) Caprolactam	11.68	113	8864m	3.407	ng/ul	
33) 4-Chloro-3-methylphenol	12.03	107	29695	3.753	ng/ul	95
34) 2-Methylnaphthalene	12.42	142	79591	4.126	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.63	142	77853	4.086 ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	46585	4.115 ng/ul	98
38) Hexachlorocyclopentadiene	12.77	237	15908	2.454 ng/ul	92
39) 2,4,6-Trichlorophenol	13.02	196	23508	3.552 ng/ul	88
40) 2,4,5-Trichlorophenol	13.09	196	26946	3.746 ng/ul	99
41) 1,1'-Biphenyl	13.42	154	107576	4.246 ng/ul	96
42) 2-Chloronaphthalene	13.46	162	83837	4.148 ng/ul	98
43) 2-Nitroaniline	13.66	65	17353	3.642 ng/ul	99
45) Dimethylphthalate	14.04	163	105575	4.122 ng/ul	98
46) 2,6-Dinitrotoluene	14.15	165	18002	3.686 ng/ul	92
48) Acenaphthylene	14.31	152	125400	4.044 ng/ul	98
49) 3-Nitroaniline	14.48	138	14299	3.108 ng/ul#	82
50) Acenaphthene	14.65	153	88465	3.962 ng/ul	98
51) 2,4-Dinitrophenol	14.68	184	6681	3.090 ng/ul#	80
53) 4-Nitrophenol	14.78	109	11074m	3.700 ng/ul	
54) Dibenzofuran	14.98	168	127604	4.191 ng/ul	100
55) 2,4-Dinitrotoluene	14.94	165	27640	3.974 ng/ul#	97
56) 2,3,4,6-Tetrachlorophenol	15.21	232	25041	3.733 ng/ul#	92
57) Diethylphthalate	15.41	149	100304	3.965 ng/ul	99
59) Fluorene	15.64	166	104606	4.051 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.63	204	54516	4.019 ng/ul	94
61) 4-Nitroaniline	15.64	138	15616m	3.044 ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.70	198	15796	4.105 ng/ul#	79
65) N-Nitrosodiphenylamine	15.84	169	89403	4.260 ng/ul	100
66) 4-Bromophenyl-phenylether	16.52	248	38100	4.248 ng/ul	93
67) Hexachlorobenzene	16.64	284	42874	4.235 ng/ul	98
68) Atrazine	16.79	200	33014	3.935 ng/ul	96
69) Pentachlorophenol	16.98	266	17678m	3.276 ng/ul	
70) Phenanthrene	17.37	178	171981	4.270 ng/ul	99
72) Anthracene	17.46	178	165281	4.118 ng/ul	96
73) 1,2,3,4-Tetrachlorobenzene	13.39	216	49040	4.525 ng/uL	94
74) Pentachlorobenzene	14.91	250	47689	4.357 ng/uL	99
75) Carbazole	17.73	167	147996	4.595 ng/ul	98
76) Di-n-butylphthalate	18.30	149	158508	4.000 ng/ul	97
77) Fluoranthene	19.38	202	214598	4.857 ng/ul	99
80) Pyrene	19.74	202	216786	4.395 ng/ul	99
81) Butylbenzylphthalate	20.64	149	65199	3.851 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.48	252	60187	3.844 ng/ul	99
83) Benzo(a)anthracene	21.56	228	215741	4.491 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.49	149	96346	3.912 ng/ul	99
85) Chrysene	21.62	228	203380	4.355 ng/ul	99
87) Di-n-octyl phthalate	22.67	149	155223	3.634 ng/ul	100
88) Benzo(b)fluoranthene	23.70	252	212246	3.843 ng/ul	98
89) Benzo(k)fluoranthene	23.77	252	205872	3.797 ng/ul	99
91) Benzo(a)pyrene	24.54	252	200555	3.960 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.21	276	232919	3.683 ng/ul	98
93) Dibenzo(a,h)anthracene	28.27	278	189182	3.656 ng/ul	97
94) Benzo(g,h,i)perylene	29.30	276	196578	3.677 ng/ul	99

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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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