Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072720\
Data File : BG046091.D
Acq On : 27 Jul 2020 16:59
Operator : CG/JU
Sample : L1955-19
Misc : MDL-ME-05
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-ME-SOIL-05

Manual Integrations APPROVED
mohammad
7/28/2020 11:42:53 AM

Quant Time: Jul 27 17:50:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 27 15:44:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	89931	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	384605	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	264627	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	603080	20.00	ng/ul	0.00
78) Chrysene-d12	21.58	240	635063	20.00	ng/ul	0.00
86) Perylene-d12	24.70	264	707051	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	3771	2.07	ng/uL	0.00
5) Phenol-d5	7.13	99	207786	29.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	130847	29.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	169373	29.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	171969	28.88	ng/ul	0.00
19) Nitrobenzene-d5	9.11	128	82572	30.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.84	143	90092	32.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	178801	28.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	248034	35.06	ng/ul	0.00
44) Dimethylphthalate-d6	13.99	166	613148	29.71	ng/ul	0.00
47) Acenaphthylene-d8	14.28	160	743597	30.36	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	95280	28.27	ng/ul	0.00
58) Fluorene-d10	15.58	176	554706	29.53	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	84942	28.14	ng/ul	0.00
71) Anthracene-d10	17.43	188	844013	30.35	ng/ul	0.00
79) Pyrene-d10	19.71	212	1036035	30.84	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.48	264	1090052	27.82	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	3705	1.662	ng/uL#	92
4) Benzaldehyde	7.10	77	14343m	2.851	ng/ul	
6) Phenol	7.15	94	30782	4.235	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.38	93	24589	4.133	ng/ul	96
10) 2-Chlorophenol	7.53	128	22596	3.946	ng/ul	94
11) 2-Methylphenol	8.40	108	21139	3.609	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.49	45	42779	4.254	ng/ul	97
14) Acetophenone	8.78	105	37476	4.266	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.76	70	20012	4.210	ng/ul	97
16) 4-Methylphenol	8.73	108	24748	3.944	ng/ul	99
17) Hexachloroethane	9.05	117	9894	4.072	ng/ul	96
20) Nitrobenzene	9.15	77	27921	4.002	ng/ul	95
21) Isophorone	9.68	82	52479	3.849	ng/ul	98
23) 2-Nitrophenol	9.87	139	13242	4.262	ng/ul	97
24) 2,4-Dimethylphenol	9.93	107	23211	3.371	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.17	93	33461	3.880	ng/ul	97
27) 2,4-Dichlorophenol	10.41	162	25500	4.119	ng/ul	98
28) Naphthalene	10.81	128	81760	3.972	ng/ul	99
30) 4-Chloroaniline	10.91	127	33012	4.852	ng/ul	90
31) Hexachlorobutadiene	11.11	225	18604	3.905	ng/ul	98
32) Caprolactam	11.68	113	7413m	3.552	ng/ul	
33) 4-Chloro-3-methylphenol	12.03	107	23128	3.643	ng/ul	99
34) 2-Methylnaphthalene	12.42	142	65022	4.202	ng/ul	96

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35) 1-Methylnaphthalene	12.63	142	63074	4.127 ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	38325	4.189 ng/ul	97
38) Hexachlorocyclopentadiene	12.77	237	12402	2.368 ng/ul	98
39) 2,4,6-Trichlorophenol	13.02	196	18596	3.477 ng/ul	94
40) 2,4,5-Trichlorophenol	13.09	196	20265	3.486 ng/ul	95
41) 1,1'-Biphenyl	13.42	154	87841	4.290 ng/ul	98
42) 2-Chloronaphthalene	13.46	162	69068	4.228 ng/ul	97
43) 2-Nitroaniline	13.66	65	14661	3.807 ng/ul	94
45) Dimethylphthalate	14.04	163	85988	4.154 ng/ul	97
46) 2,6-Dinitrotoluene	14.15	165	14491	3.671 ng/ul	99
48) Acenaphthylene	14.31	152	104479	4.169 ng/ul	98
49) 3-Nitroaniline	14.48	138	12333	3.317 ng/ul#	95
50) Acenaphthene	14.65	153	73882	4.094 ng/ul	99
51) 2,4-Dinitrophenol	14.68	184	3681	2.107 ng/ul#	69
53) 4-Nitrophenol	14.79	109	9311	3.850 ng/ul	93
54) Dibenzofuran	14.98	168	108044	4.391 ng/ul	100
55) 2,4-Dinitrotoluene	14.94	165	22213	3.952 ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	15.21	232	20555	3.792 ng/ul	97
57) Diethylphthalate	15.41	149	85094	4.162 ng/ul	99
59) Fluorene	15.64	166	86571	4.149 ng/ul	93
60) 4-Chlorophenyl-phenylether	15.63	204	45020	4.107 ng/ul	94
61) 4-Nitroaniline	15.64	138	13264m	3.200 ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.70	198	12836	3.992 ng/ul#	87
65) N-Nitrosodiphenylamine	15.83	169	74805	4.266 ng/ul	99
66) 4-Bromophenyl-phenylether	16.52	248	31704	4.230 ng/ul	98
67) Hexachlorobenzene	16.64	284	35852	4.238 ng/ul	96
68) Atrazine	16.79	200	28335	4.042 ng/ul	99
69) Pentachlorophenol	16.98	266	13425m	2.977 ng/ul	
70) Phenanthrene	17.37	178	147725	4.389 ng/ul	99
72) Anthracene	17.46	178	145031	4.325 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.38	216	40040	4.421 ng/uL	91
74) Pentachlorobenzene	14.91	250	38684	4.230 ng/uL	97
75) Carbazole	17.72	167	120858	4.491 ng/ul	99
76) Di-n-butylphthalate	18.30	149	134728	4.069 ng/ul	98
77) Fluoranthene	19.38	202	184485	4.997 ng/ul	98
80) Pyrene	19.74	202	188215	4.383 ng/ul	99
81) Butylbenzylphthalate	20.64	149	56675	3.845 ng/ul	93
82) 3,3'-Dichlorobenzidine	21.48	252	53210	3.904 ng/ul	99
83) Benzo(a)anthracene	21.56	228	190135	4.546 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.49	149	82113	3.830 ng/ul	95
85) Chrysene	21.62	228	183079	4.503 ng/ul	99
87) Di-n-octyl phthalate	22.67	149	137193	3.713 ng/ul	100
88) Benzo(b)fluoranthene	23.70	252	186714	3.909 ng/ul	99
89) Benzo(k)fluoranthene	23.77	252	176383	3.761 ng/ul	100
91) Benzo(a)pyrene	24.54	252	185613m	4.237 ng/ul	
92) Indeno(1,2,3-cd)pyrene	28.20	276	200084	3.658 ng/ul	99
93) Dibenzo(a,h)anthracene	28.26	278	165582	3.700 ng/ul	98
94) Benzo(g,h,i)perylene	29.30	276	175369	3.793 ng/ul	96

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

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