Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072420\
Data File : BG046058.D
Acq On : 24 Jul 2020 10:15
Operator : CG/JU
Sample : L1955-01
Misc : MDL-SOIL-01
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-01

Manual Integrations APPROVED
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Quant Time: Jul 27 11:11:33 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	91045	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	383949	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	260510	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	594141	20.00	ng/ul	0.00
78) Chrysene-d12	21.58	240	606145	20.00	ng/ul	0.00
86) Perylene-d12	24.69	264	686050	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	3802	2.06	ng/uL	0.00
5) Phenol-d5	7.12	99	186977	26.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	116948	26.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	151679	26.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	152102	25.23	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	73709	27.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.84	143	76005	27.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	158942	25.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	219352	31.06	ng/ul	0.00
44) Dimethylphthalate-d6	13.99	166	546440	26.89	ng/ul	0.00
47) Acenaphthylene-d8	14.28	160	657180	27.26	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	78274	23.59	ng/ul	0.00
58) Fluorene-d10	15.58	176	490704	26.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	66434	22.34	ng/ul	0.00
71) Anthracene-d10	17.42	188	736869	26.89	ng/ul	0.00
79) Pyrene-d10	19.71	212	901895	28.13	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.48	264	937811	24.66	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	3296	1.460	ng/uL#	85
4) Benzaldehyde	7.10	77	12098	2.375	ng/ul	96
6) Phenol	7.15	94	28143	3.824	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.38	93	24400	4.051	ng/ul	99
10) 2-Chlorophenol	7.53	128	23445	4.044	ng/ul	96
11) 2-Methylphenol	8.41	108	19477	3.285	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.50	45	41369m	4.064	ng/ul	
14) Acetophenone	8.78	105	36214	4.072	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.76	70	19413	4.034	ng/ul	93
16) 4-Methylphenol	8.73	108	24254	3.818	ng/ul	97
17) Hexachloroethane	9.05	117	9511	3.866	ng/ul	99
20) Nitrobenzene	9.15	77	26466	3.800	ng/ul	95
21) Isophorone	9.68	82	49502	3.637	ng/ul	96
23) 2-Nitrophenol	9.87	139	12389	3.994	ng/ul	98
24) 2,4-Dimethylphenol	9.93	107	22275	3.241	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.17	93	33002	3.833	ng/ul	98
27) 2,4-Dichlorophenol	10.40	162	24635	3.986	ng/ul	92
28) Naphthalene	10.81	128	81104	3.947	ng/ul	100
30) 4-Chloroaniline	10.91	127	32183	4.738	ng/ul	93
31) Hexachlorobutadiene	11.11	225	18461	3.882	ng/ul	95
32) Caprolactam	11.67	113	6148	2.951	ng/ul	95
33) 4-Chloro-3-methylphenol	12.03	107	21681	3.421	ng/ul	96
34) 2-Methylnaphthalene	12.42	142	61837	4.003	ng/ul	97

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35) 1-Methylnaphthalene	12.64	142	62112	4.071 ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.78	216	37033	4.112 ng/ul	98
38) Hexachlorocyclopentadiene	12.78	237	13331	2.585 ng/ul	86
39) 2,4,6-Trichlorophenol	13.02	196	18632	3.539 ng/ul	94
40) 2,4,5-Trichlorophenol	13.09	196	19592	3.423 ng/ul	96
41) 1,1'-Biphenyl	13.42	154	84767	4.206 ng/ul	98
42) 2-Chloronaphthalene	13.46	162	66266	4.121 ng/ul	97
43) 2-Nitroaniline	13.66	65	12339	3.255 ng/ul	98
45) Dimethylphthalate	14.04	163	83127	4.080 ng/ul	99
46) 2,6-Dinitrotoluene	14.15	165	13216	3.401 ng/ul	95
48) Acenaphthylene	14.30	152	99466	4.032 ng/ul	99
49) 3-Nitroaniline	14.48	138	11683	3.192 ng/ul	95
50) Acenaphthene	14.65	153	70603	3.975 ng/ul	98
51) 2,4-Dinitrophenol	14.69	184	4174	2.427 ng/ul	90
53) 4-Nitrophenol	14.79	109	8838m	3.712 ng/ul	
54) Dibenzofuran	14.99	168	104508	4.314 ng/ul	97
55) 2,4-Dinitrotoluene	14.94	165	20229	3.656 ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	15.21	232	20027	3.753 ng/ul	91
57) Diethylphthalate	15.41	149	80007	3.975 ng/ul	97
59) Fluorene	15.63	166	85237	4.149 ng/ul	94
60) 4-Chlorophenyl-phenylether	15.63	204	43567	4.037 ng/ul	97
61) 4-Nitroaniline	15.64	138	12481m	3.059 ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.70	198	10774	3.402 ng/ul#	73
65) N-Nitrosodiphenylamine	15.84	169	72131	4.175 ng/ul	96
66) 4-Bromophenyl-phenylether	16.52	248	30537	4.136 ng/ul	96
67) Hexachlorobenzene	16.64	284	32812	3.937 ng/ul	96
68) Atrazine	16.78	200	26355	3.816 ng/ul	95
69) Pentachlorophenol	16.98	266	13541m	3.048 ng/ul	
70) Phenanthrene	17.37	178	140844	4.248 ng/ul	99
72) Anthracene	17.46	178	134124	4.060 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.39	216	39034	4.375 ng/uL	94
74) Pentachlorobenzene	14.91	250	36957	4.102 ng/uL	98
75) Carbazole	17.72	167	116537	4.396 ng/ul	99
76) Di-n-butylphthalate	18.30	149	125259	3.840 ng/ul	98
77) Fluoranthene	19.38	202	172859	4.753 ng/ul	99
80) Pyrene	19.74	202	178405	4.353 ng/ul	100
81) Butylbenzylphthalate	20.63	149	51498	3.661 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.47	252	50084	3.850 ng/ul	98
83) Benzo(a)anthracene	21.55	228	180506	4.522 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.49	149	78513	3.836 ng/ul	97
85) Chrysene	21.62	228	170902	4.404 ng/ul	98
87) Di-n-octyl phthalate	22.67	149	125592	3.503 ng/ul	100
88) Benzo(b)fluoranthene	23.71	252	180686	3.898 ng/ul	99
89) Benzo(k)fluoranthene	23.77	252	173663	3.816 ng/ul	99
91) Benzo(a)pyrene	24.55	252	169260	3.982 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.19	276	191643m	3.611 ng/ul	
93) Dibenzo(a,h)anthracene	28.27	278	158158	3.642 ng/ul	99
94) Benzo(g,h,i)perylene	29.30	276	163540	3.645 ng/ul	95

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

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