Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072420\
Data File : BG046060.D
Acq On : 24 Jul 2020 11:35
Operator : CG/JU
Sample : L1955-02
Misc : MDL-SOIL-02
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 27 11:11:50 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

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-02

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	91150	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	377393	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	259192	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	574317	20.00	ng/ul	0.00
78) Chrysene-d12	21.57	240	590391	20.00	ng/ul	0.00
86) Perylene-d12	24.69	264	659804	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	3557	1.93	ng/uL	0.00
5) Phenol-d5	7.13	99	204363	28.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	129004	29.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	165179	28.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.67	113	167812	27.81	ng/ul	0.00
19) Nitrobenzene-d5	9.11	128	78536	29.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.84	143	85307	31.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	173971	28.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	238741	34.39	ng/ul	0.00
44) Dimethylphthalate-d6	14.00	166	589406	29.16	ng/ul	0.00
47) Acenaphthylene-d8	14.28	160	708108	29.52	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	83168	25.19	ng/ul	0.00
58) Fluorene-d10	15.58	176	530599	28.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	71893	25.01	ng/ul	0.00
71) Anthracene-d10	17.43	188	796055	30.06	ng/ul	0.00
79) Pyrene-d10	19.71	212	954942	30.58	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.48	264	1016395	27.79	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	3375	1.493	ng/uL	94
4) Benzaldehyde	7.10	77	12379	2.427	ng/ul	96
6) Phenol	7.15	94	28760	3.904	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.38	93	23465	3.891	ng/ul	94
10) 2-Chlorophenol	7.53	128	23249	4.006	ng/ul	95
11) 2-Methylphenol	8.40	108	20779	3.500	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.50	45	41414	4.064	ng/ul	98
14) Acetophenone	8.78	105	36261	4.073	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.77	70	18395	3.818	ng/ul	98
16) 4-Methylphenol	8.73	108	23547	3.702	ng/ul	91
17) Hexachloroethane	9.05	117	9666	3.925	ng/ul	92
20) Nitrobenzene	9.15	77	26189	3.826	ng/ul	94
21) Isophorone	9.68	82	48021	3.589	ng/ul	99
23) 2-Nitrophenol	9.86	139	12529	4.110	ng/ul	96
24) 2,4-Dimethylphenol	9.94	107	22711	3.362	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.16	93	31587	3.733	ng/ul	99
27) 2,4-Dichlorophenol	10.41	162	24421	4.020	ng/ul	93
28) Naphthalene	10.81	128	80405	3.981	ng/ul	97
30) 4-Chloroaniline	10.91	127	31687	4.746	ng/ul	98
31) Hexachlorobutadiene	11.11	225	18660	3.991	ng/ul	97
32) Caprolactam	11.68	113	5965m	2.913	ng/ul	
33) 4-Chloro-3-methylphenol	12.03	107	20710	3.325	ng/ul	98
34) 2-Methylnaphthalene	12.41	142	61827	4.072	ng/ul	100

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Instrument :
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.63	142	60617	4.042 ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.78	216	37061	4.136 ng/ul	99
38) Hexachlorocyclopentadiene	12.77	237	12177	2.373 ng/ul	99
39) 2,4,6-Trichlorophenol	13.02	196	17638	3.367 ng/ul	99
40) 2,4,5-Trichlorophenol	13.09	196	19504	3.425 ng/ul	98
41) 1,1'-Biphenyl	13.42	154	82821	4.130 ng/ul	98
42) 2-Chloronaphthalene	13.46	162	64067	4.004 ng/ul	95
43) 2-Nitroaniline	13.66	65	12414	3.291 ng/ul	91
45) Dimethylphthalate	14.04	163	80081	3.950 ng/ul	98
46) 2,6-Dinitrotoluene	14.15	165	12404	3.208 ng/ul	94
48) Acenaphthylene	14.31	152	97274	3.963 ng/ul	99
49) 3-Nitroaniline	14.48	138	10489	2.880 ng/ul#	88
50) Acenaphthene	14.65	153	67711	3.831 ng/ul	95
51) 2,4-Dinitrophenol	14.68	184	3427	2.002 ng/ul#	71
53) 4-Nitrophenol	14.79	109	8227	3.473 ng/ul	97
54) Dibenzofuran	14.98	168	99189	4.115 ng/ul	100
55) 2,4-Dinitrotoluene	14.94	165	19455	3.534 ng/ul#	98
56) 2,3,4,6-Tetrachlorophenol	15.21	232	18863	3.553 ng/ul#	91
57) Diethylphthalate	15.41	149	77020	3.846 ng/ul	98
59) Fluorene	15.63	166	81493	3.987 ng/ul	95
60) 4-Chlorophenyl-phenylether	15.63	204	42890	3.994 ng/ul	95
61) 4-Nitroaniline	15.63	138	11704m	2.883 ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.70	198	10997	3.592 ng/ul#	76
65) N-Nitrosodiphenylamine	15.84	169	69402	4.156 ng/ul	98
66) 4-Bromophenyl-phenylether	16.52	248	28497	3.993 ng/ul#	81
67) Hexachlorobenzene	16.64	284	31556	3.917 ng/ul	94
68) Atrazine	16.79	200	25423	3.808 ng/ul	96
69) Pentachlorophenol	16.99	266	11889m	2.769 ng/ul	
70) Phenanthrene	17.37	178	136245	4.251 ng/ul	98
72) Anthracene	17.46	178	131388	4.114 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.39	216	37335	4.329 ng/uL	97
74) Pentachlorobenzene	14.91	250	36323	4.170 ng/uL	98
75) Carbazole	17.73	167	111575	4.354 ng/ul	97
76) Di-n-butylphthalate	18.30	149	120682	3.827 ng/ul	99
77) Fluoranthene	19.38	202	167871	4.775 ng/ul	96
80) Pyrene	19.74	202	173413	4.344 ng/ul	99
81) Butylbenzylphthalate	20.63	149	49770	3.632 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.47	252	50508	3.986 ng/ul	100
83) Benzo(a)anthracene	21.56	228	172953	4.448 ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.49	149	74566	3.741 ng/ul	96
85) Chrysene	21.62	228	162549	4.301 ng/ul	98
87) Di-n-octyl phthalate	22.67	149	118377	3.434 ng/ul	100
88) Benzo(b)fluoranthene	23.71	252	169205	3.796 ng/ul	98
89) Benzo(k)fluoranthene	23.77	252	163545	3.737 ng/ul	95
91) Benzo(a)pyrene	24.55	252	164100	4.014 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.20	276	183308	3.591 ng/ul	97
93) Dibenzo(a,h)anthracene	28.27	278	152803	3.659 ng/ul	99
94) Benzo(g,h,i)perylene	29.30	276	157827	3.658 ng/ul	97

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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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