Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072820\
Data File : BG046104.D
Acq On : 28 Jul 2020 15:53
Operator : CG/JU
Sample : L1955-20
Misc : MDL-ME-06
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-ME-SOIL-06

Manual Integrations APPROVED
mohammad
7/29/2020 11:46:56 AM

Quant Time: Jul 28 17:24:30 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	89878	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	369830	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.58	164	255219	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	586575	20.00	ng/ul	0.00
78) Chrysene-d12	21.58	240	623569	20.00	ng/ul	0.00
86) Perylene-d12	24.69	264	696141	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	12472	6.85	ng/uL	0.00
5) Phenol-d5	7.12	99	221410	31.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	140786	32.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	183178	32.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	184193	30.95	ng/ul	0.00
19) Nitrobenzene-d5	9.11	128	89427	34.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.84	143	96344	36.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	189438	31.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	256607	37.72	ng/ul	0.00
44) Dimethylphthalate-d6	13.99	166	652016	32.76	ng/ul	0.00
47) Acenaphthylene-d8	14.28	160	780297	33.03	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	99513	30.61	ng/ul	0.00
58) Fluorene-d10	15.58	176	576418	31.82	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	92002	31.34	ng/ul	0.00
71) Anthracene-d10	17.42	188	889064	32.87	ng/ul	0.00
79) Pyrene-d10	19.71	212	1107766	33.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.48	264	1163091	30.14	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	3057	1.372	ng/uL#	96
4) Benzaldehyde	7.10	77	10951	2.178	ng/ul	91
6) Phenol	7.15	94	24394	3.358	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.38	93	20241	3.404	ng/ul	98
10) 2-Chlorophenol	7.53	128	19370	3.385	ng/ul	95
11) 2-Methylphenol	8.40	108	17542	2.997	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.49	45	34715	3.455	ng/ul	99
14) Acetophenone	8.78	105	31267	3.561	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.77	70	15975	3.363	ng/ul#	93
16) 4-Methylphenol	8.73	108	20180	3.218	ng/ul	95
17) Hexachloroethane	9.05	117	8178	3.367	ng/ul	92
20) Nitrobenzene	9.15	77	22738	3.389	ng/ul	90
21) Isophorone	9.68	82	42543	3.245	ng/ul#	91
23) 2-Nitrophenol	9.87	139	10982	3.676	ng/ul	97
24) 2,4-Dimethylphenol	9.93	107	19459	2.939	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.17	93	27639	3.333	ng/ul	96
27) 2,4-Dichlorophenol	10.40	162	20382	3.424	ng/ul	89
28) Naphthalene	10.81	128	67520	3.411	ng/ul	98
30) 4-Chloroaniline	10.91	127	26006	3.975	ng/ul	90
31) Hexachlorobutadiene	11.11	225	15619	3.409	ng/ul	93
32) Caprolactam	11.69	113	5229m	2.606	ng/ul	
33) 4-Chloro-3-methylphenol	12.03	107	18122	2.969	ng/ul	97
34) 2-Methylnaphthalene	12.42	142	51631	3.470	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.63	142	50742	3.453 ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	31846	3.609 ng/ul#	96
38) Hexachlorocyclopentadiene	12.77	237	10168	2.013 ng/ul	92
39) 2,4,6-Trichlorophenol	13.02	196	14755	2.861 ng/ul	93
40) 2,4,5-Trichlorophenol	13.09	196	15807	2.819 ng/ul	93
41) 1,1'-Biphenyl	13.42	154	70117	3.551 ng/ul	100
42) 2-Chloronaphthalene	13.46	162	54921	3.486 ng/ul	93
43) 2-Nitroaniline	13.66	65	11304	3.044 ng/ul	91
45) Dimethylphthalate	14.04	163	69462	3.480 ng/ul	97
46) 2,6-Dinitrotoluene	14.15	165	12003	3.153 ng/ul	93
48) Acenaphthylene	14.31	152	83357	3.449 ng/ul	97
49) 3-Nitroaniline	14.48	138	9797	2.732 ng/ul#	91
50) Acenaphthene	14.65	153	58186	3.344 ng/ul	95
51) 2,4-Dinitrophenol	14.68	184	3738	2.218 ng/ul	98
53) 4-Nitrophenol	14.78	109	7827	3.355 ng/ul	92
54) Dibenzofuran	14.98	168	86167	3.631 ng/ul	99
55) 2,4-Dinitrotoluene	14.94	165	17521	3.232 ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	15.21	232	16702	3.195 ng/ul#	91
57) Diethylphthalate	15.41	149	67341	3.415 ng/ul	98
59) Fluorene	15.63	166	69988	3.478 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.62	204	36522	3.454 ng/ul	93
61) 4-Nitroaniline	15.64	138	11191m	2.799 ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.70	198	10921	3.492 ng/ul#	88
65) N-Nitrosodiphenylamine	15.84	169	59930	3.514 ng/ul	96
66) 4-Bromophenyl-phenylether	16.52	248	25104	3.444 ng/ul	96
67) Hexachlorobenzene	16.64	284	28699	3.488 ng/ul	96
68) Atrazine	16.78	200	22710	3.331 ng/ul	96
69) Pentachlorophenol	16.98	266	11611m	2.647 ng/ul	
70) Phenanthrene	17.37	178	119739	3.658 ng/ul	98
72) Anthracene	17.46	178	114209	3.501 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.39	216	31646	3.593 ng/uL	95
74) Pentachlorobenzene	14.91	250	31744	3.569 ng/uL	95
75) Carbazole	17.72	167	102672	3.923 ng/ul	97
76) Di-n-butylphthalate	18.30	149	114085	3.542 ng/ul	98
77) Fluoranthene	19.38	202	155493	4.330 ng/ul	97
80) Pyrene	19.74	202	155943	3.698 ng/ul	99
81) Butylbenzylphthalate	20.64	149	46973	3.246 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.48	252	43651	3.261 ng/ul	98
83) Benzo(a)anthracene	21.55	228	157193	3.828 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.49	149	69623	3.307 ng/ul	98
85) Chrysene	21.62	228	149826	3.753 ng/ul	97
87) Di-n-octyl phthalate	22.67	149	114941	3.160 ng/ul	100
88) Benzo(b)fluoranthene	23.70	252	149320	3.175 ng/ul	99
89) Benzo(k)fluoranthene	23.77	252	149707m	3.242 ng/ul	
91) Benzo(a)pyrene	24.54	252	150639m	3.493 ng/ul	
92) Indeno(1,2,3-cd)pyrene	28.20	276	160440	2.979 ng/ul	97
93) Dibenzo(a,h)anthracene	28.26	278	131228m	2.978 ng/ul	
94) Benzo(g,h,i)perylene	29.28	276	138264	3.037 ng/ul	98

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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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