Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072820\
Data File : BG046106.D
Acq On : 28 Jul 2020 17:14
Operator : CG/JU
Sample : L1955-21
Misc : MDL-ME-07
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-07

Manual Integrations APPROVED
mohammad
7/29/2020 11:46:51 AM

Quant Time: Jul 28 17:51:05 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	91946	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	389399	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	272759	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	642992	20.00	ng/ul	0.00
78) Chrysene-d12	21.57	240	688879	20.00	ng/ul	0.00
86) Perylene-d12	24.69	264	761958	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	13221	7.10	ng/uL	0.00
5) Phenol-d5	7.13	99	201922	27.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.28	67	127917	28.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	163725	28.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.67	113	164657	27.05	ng/ul	0.00
19) Nitrobenzene-d5	9.11	128	82486	30.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.83	143	86157	30.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	175173	27.54	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	237769	33.20	ng/ul	0.00
44) Dimethylphthalate-d6	13.99	166	602058	28.30	ng/ul	0.00
47) Acenaphthylene-d8	14.28	160	732733	29.03	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	93001	26.77	ng/ul	0.00
58) Fluorene-d10	15.58	176	542812	28.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	87627	27.23	ng/ul	0.00
71) Anthracene-d10	17.43	188	850909	28.70	ng/ul	0.00
79) Pyrene-d10	19.71	212	1055094	28.96	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.48	264	1114427	26.39	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	3487	1.530	ng/uL#	82
4) Benzaldehyde	7.10	77	11553	2.246	ng/ul	95
6) Phenol	7.15	94	25178	3.388	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.38	93	21548	3.543	ng/ul	96
10) 2-Chlorophenol	7.53	128	21147	3.612	ng/ul	95
11) 2-Methylphenol	8.40	108	18266	3.050	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.50	45	35904	3.492	ng/ul#	96
14) Acetophenone	8.78	105	31741	3.534	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.77	70	16197	3.333	ng/ul	93
16) 4-Methylphenol	8.72	108	21337	3.326	ng/ul	100
17) Hexachloroethane	9.05	117	8553	3.443	ng/ul	90
20) Nitrobenzene	9.15	77	23864	3.379	ng/ul	95
21) Isophorone	9.68	82	44475	3.222	ng/ul	96
23) 2-Nitrophenol	9.87	139	11754	3.737	ng/ul	95
24) 2,4-Dimethylphenol	9.93	107	19404	2.784	ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.16	93	28180	3.227	ng/ul	93
27) 2,4-Dichlorophenol	10.40	162	21271	3.393	ng/ul	93
28) Naphthalene	10.81	128	70628	3.389	ng/ul	96
30) 4-Chloroaniline	10.91	127	27211	3.950	ng/ul	99
31) Hexachlorobutadiene	11.11	225	16673	3.457	ng/ul	90
32) Caprolactam	11.68	113	6399m	3.028	ng/ul	
33) 4-Chloro-3-methylphenol	12.03	107	19524	3.038	ng/ul	98
34) 2-Methylnaphthalene	12.41	142	55691	3.555	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.63	142	54269	3.507 ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.78	216	32834	3.482 ng/ul	96
38) Hexachlorocyclopentadiene	12.77	237	11591	2.147 ng/ul	91
39) 2,4,6-Trichlorophenol	13.02	196	16392	2.974 ng/ul	95
40) 2,4,5-Trichlorophenol	13.09	196	17203	2.871 ng/ul	92
41) 1,1'-Biphenyl	13.42	154	76489	3.625 ng/ul	98
42) 2-Chloronaphthalene	13.46	162	59125	3.511 ng/ul	99
43) 2-Nitroaniline	13.65	65	12363	3.115 ng/ul	92
45) Dimethylphthalate	14.04	163	74350	3.485 ng/ul	99
46) 2,6-Dinitrotoluene	14.15	165	13048	3.207 ng/ul	98
48) Acenaphthylene	14.31	152	88970	3.444 ng/ul	98
49) 3-Nitroaniline	14.48	138	10968	2.862 ng/ul#	99
50) Acenaphthene	14.65	153	62397	3.355 ng/ul	99
51) 2,4-Dinitrophenol	14.69	184	4144	2.301 ng/ul	97
53) 4-Nitrophenol	14.78	109	8513	3.415 ng/ul#	72
54) Dibenzofuran	14.98	168	91838	3.621 ng/ul	96
55) 2,4-Dinitrotoluene	14.93	165	19279	3.327 ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	15.21	232	17956	3.214 ng/ul#	95
57) Diethylphthalate	15.40	149	74552	3.538 ng/ul	99
59) Fluorene	15.63	166	75653	3.517 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.63	204	39057	3.456 ng/ul	99
61) 4-Nitroaniline	15.64	138	12024m	2.814 ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.70	198	11076	3.231 ng/ul#	82
65) N-Nitrosodiphenylamine	15.83	169	64887	3.471 ng/ul	96
66) 4-Bromophenyl-phenylether	16.52	248	27229	3.408 ng/ul	93
67) Hexachlorobenzene	16.64	284	30856	3.421 ng/ul	98
68) Atrazine	16.79	200	26023	3.482 ng/ul	96
69) Pentachlorophenol	16.99	266	12276m	2.554 ng/ul	
70) Phenanthrene	17.37	178	133674	3.725 ng/ul	99
72) Anthracene	17.46	178	128566	3.596 ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.38	216	34863	3.611 ng/uL	96
74) Pentachlorobenzene	14.91	250	33847	3.471 ng/uL	99
75) Carbazole	17.73	167	111873	3.899 ng/ul	96
76) Di-n-butylphthalate	18.30	149	124875	3.537 ng/ul	99
77) Fluoranthene	19.38	202	169124	4.297 ng/ul	98
80) Pyrene	19.73	202	170635	3.663 ng/ul	99
81) Butylbenzylphthalate	20.63	149	54019	3.379 ng/ul	95
82) 3,3'-Dichlorobenzidine	21.47	252	48780	3.299 ng/ul	99
83) Benzo(a)anthracene	21.56	228	174865	3.854 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.49	149	79407	3.414 ng/ul	97
85) Chrysene	21.62	228	163555	3.709 ng/ul	96
87) Di-n-octyl phthalate	22.67	149	131298	3.298 ng/ul	100
88) Benzo(b)fluoranthene	23.70	252	172423	3.350 ng/ul	98
89) Benzo(k)fluoranthene	23.77	252	160247	3.171 ng/ul	97
91) Benzo(a)pyrene	24.54	252	168103m	3.561 ng/ul	
92) Indeno(1,2,3-cd)pyrene	28.20	276	178900	3.035 ng/ul	97
93) Dibenzo(a,h)anthracene	28.27	278	146406	3.036 ng/ul	99
94) Benzo(g,h,i)perylene	29.29	276	152674m	3.064 ng/ul	

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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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