Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072420\
Data File : BG046073.D
Acq On : 24 Jul 2020 21:01
Operator : CG/JU
Sample : L1955-16
Misc : MDL-SOILME-02
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-02

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Quant Time: Jul 24 23:59:33 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	97025	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	415702	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	287448	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	653712	20.00	ng/ul	0.00
78) Chrysene-d12	21.57	240	700599	20.00	ng/ul	0.00
86) Perylene-d12	24.69	264	782234	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	3734	1.90	ng/uL	0.00
5) Phenol-d5	7.12	99	224678	29.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	139100	29.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	183936	30.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	185683	28.91	ng/ul	0.00
19) Nitrobenzene-d5	9.11	128	90029	30.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.84	143	97839	32.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	191426	28.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	267424	34.97	ng/ul	0.00
44) Dimethylphthalate-d6	14.00	166	663035	29.57	ng/ul	0.00
47) Acenaphthylene-d8	14.28	160	793920	29.84	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	105690	28.87	ng/ul	0.00
58) Fluorene-d10	15.58	176	593601	29.09	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	96162	29.39	ng/ul	0.00
71) Anthracene-d10	17.43	188	895002	29.69	ng/ul	0.00
79) Pyrene-d10	19.71	212	1110369	29.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.48	264	1200406	27.69	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	4747	1.973	ng/uL	93
4) Benzaldehyde	7.10	77	14235m	2.622	ng/ul	
6) Phenol	7.15	94	31253	3.985	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.38	93	25906	4.036	ng/ul	93
10) 2-Chlorophenol	7.53	128	25384	4.109	ng/ul	96
11) 2-Methylphenol	8.40	108	23142	3.662	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.50	45	43600	4.019	ng/ul#	97
14) Acetophenone	8.78	105	39592	4.177	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.77	70	21061	4.107	ng/ul	93
16) 4-Methylphenol	8.73	108	26572	3.925	ng/ul	89
17) Hexachloroethane	9.05	117	10470	3.994	ng/ul	97
20) Nitrobenzene	9.15	77	28745	3.812	ng/ul	100
21) Isophorone	9.68	82	57038	3.871	ng/ul	95
23) 2-Nitrophenol	9.87	139	14290	4.255	ng/ul	93
24) 2,4-Dimethylphenol	9.93	107	25060	3.368	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.16	93	35367	3.794	ng/ul	99
27) 2,4-Dichlorophenol	10.41	162	27682	4.137	ng/ul	96
28) Naphthalene	10.81	128	86689	3.897	ng/ul	97
30) 4-Chloroaniline	10.91	127	34161	4.645	ng/ul	95
31) Hexachlorobutadiene	11.11	225	20199	3.923	ng/ul	98
32) Caprolactam	11.69	113	7621m	3.378	ng/ul	
33) 4-Chloro-3-methylphenol	12.04	107	24148	3.520	ng/ul	94
34) 2-Methylnaphthalene	12.42	142	68552	4.099	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.63	142	66025	3.997 ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	41511	4.177 ng/ul	98
38) Hexachlorocyclopentadiene	12.77	237	12848	2.258 ng/ul	94
39) 2,4,6-Trichlorophenol	13.02	196	20503	3.530 ng/ul	96
40) 2,4,5-Trichlorophenol	13.09	196	23673	3.749 ng/ul	98
41) 1,1'-Biphenyl	13.43	154	90593	4.073 ng/ul	97
42) 2-Chloronaphthalene	13.46	162	73672	4.152 ng/ul	99
43) 2-Nitroaniline	13.65	65	15386	3.678 ng/ul	91
45) Dimethylphthalate	14.04	163	92968	4.135 ng/ul	97
46) 2,6-Dinitrotoluene	14.15	165	15277	3.563 ng/ul#	92
48) Acenaphthylene	14.31	152	109097	4.008 ng/ul	98
49) 3-Nitroaniline	14.48	138	12742	3.155 ng/ul	95
50) Acenaphthene	14.65	153	77375	3.948 ng/ul	98
51) 2,4-Dinitrophenol	14.68	184	5019	2.644 ng/ul#	91
53) 4-Nitrophenol	14.79	109	10229	3.893 ng/ul#	83
54) Dibenzofuran	14.98	168	113173	4.234 ng/ul	100
55) 2,4-Dinitrotoluene	14.94	165	23634	3.871 ng/ul#	96
56) 2,3,4,6-Tetrachlorophenol	15.21	232	21713	3.688 ng/ul#	99
57) Diethylphthalate	15.41	149	88488	3.984 ng/ul	99
59) Fluorene	15.63	166	93234	4.113 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.63	204	46783	3.929 ng/ul	96
61) 4-Nitroaniline	15.64	138	14159m	3.145 ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.70	198	14431	4.141 ng/ul#	69
65) N-Nitrosodiphenylamine	15.84	169	80458	4.233 ng/ul	99
66) 4-Bromophenyl-phenylether	16.52	248	33513	4.125 ng/ul	94
67) Hexachlorobenzene	16.64	284	36936	4.028 ng/ul	98
68) Atrazine	16.79	200	30063	3.956 ng/ul	94
69) Pentachlorophenol	16.98	266	14938	3.056 ng/ul	94
70) Phenanthrene	17.37	178	155530	4.263 ng/ul	97
72) Anthracene	17.46	178	152046	4.183 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.38	216	42484	4.328 ng/uL	96
74) Pentachlorobenzene	14.91	250	40998	4.135 ng/uL	95
75) Carbazole	17.73	167	132878	4.555 ng/ul	98
76) Di-n-butylphthalate	18.30	149	144803	4.034 ng/ul	98
77) Fluoranthene	19.38	202	198636	4.964 ng/ul	98
80) Pyrene	19.74	202	201547	4.254 ng/ul	99
81) Butylbenzylphthalate	20.63	149	62950	3.871 ng/ul	95
82) 3,3'-Dichlorobenzidine	21.48	252	56528	3.759 ng/ul#	98
83) Benzo(a)anthracene	21.56	228	206620	4.478 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.49	149	91967	3.888 ng/ul	97
85) Chrysene	21.62	228	197535	4.404 ng/ul	96
87) Di-n-octyl phthalate	22.67	149	151288	3.701 ng/ul	100
88) Benzo(b)fluoranthene	23.70	252	205041	3.880 ng/ul	98
89) Benzo(k)fluoranthene	23.77	252	197430	3.805 ng/ul	97
91) Benzo(a)pyrene	24.55	252	201715	4.162 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.20	276	219509	3.627 ng/ul	99
93) Dibenzo(a,h)anthracene	28.27	278	182167	3.679 ng/ul	98
94) Benzo(g,h,i)perylene	29.30	276	189872	3.712 ng/ul	96

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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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