Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072720\
Data File : BM026875.D
Acq On : 27 Jul 2020 17:02
Operator : JU/CG
Sample : L1955-15
Misc : MDL-SOIL-ME-01
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-ME-SOIL-01

Manual Integrations APPROVED
mohammad
7/28/2020 11:44:17 AM

Quant Time: Jul 27 17:47:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 27 14:20:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	65731	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	254635	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	162339	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	332867	20.00	ng/ul	0.00
78) Chrysene-d12	21.25	240	331726	20.00	ng/ul	0.00
86) Perylene-d12	23.47	264	335892	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	11048	7.67	ng/uL	0.00
5) Phenol-d5	6.84	99	174913	30.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	125715	32.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	132271	30.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	135745	30.64	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	62040	31.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	55704	30.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	131015	30.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	162462	31.43	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	398411	31.30	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	523462	32.32	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	57272	26.60	ng/ul	0.00
58) Fluorene-d10	15.31	176	346274	31.27	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	36996	24.93	ng/ul	0.00
71) Anthracene-d10	17.15	188	531002	31.92	ng/ul	0.00
79) Pyrene-d10	19.45	212	557790	31.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.33	264	561281	29.61	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	8146	4.549	ng/uL	99
4) Benzaldehyde	6.82	77	24430	5.208	ng/ul	97
6) Phenol	6.87	94	45914	7.451	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.11	93	37839	7.760	ng/ul	95
10) 2-Chlorophenol	7.24	128	32974	7.370	ng/ul	98
11) 2-Methylphenol	8.11	108	32437	7.358	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.21	45	32505	7.528	ng/ul	98
14) Acetophenone	8.48	105	57124	7.770	ng/ul#	97
15) N-Nitroso-di-n-propylamine	8.48	70	33915	7.638	ng/ul	99
16) 4-Methylphenol	8.44	108	34650	7.375	ng/ul	98
17) Hexachloroethane	8.75	117	16791	7.874	ng/ul	96
20) Nitrobenzene	8.85	77	52756	8.222	ng/ul	93
21) Isophorone	9.38	82	84183	7.442	ng/ul	99
23) 2-Nitrophenol	9.57	139	16302	7.871	ng/ul	96
24) 2,4-Dimethylphenol	9.63	107	41672	7.702	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.87	93	47554	7.545	ng/ul	99
27) 2,4-Dichlorophenol	10.10	162	32535	7.705	ng/ul	92
28) Naphthalene	10.50	128	112616	7.916	ng/ul	99
30) 4-Chloroaniline	10.60	127	37318	7.159	ng/ul	94
31) Hexachlorobutadiene	10.81	225	24240	8.130	ng/ul	93
32) Caprolactam	11.36	113	7987m	6.057	ng/ul	
33) 4-Chloro-3-methylphenol	11.73	107	33067	7.024	ng/ul	97
34) 2-Methylnaphthalene	12.12	142	78223	7.778	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.34	142	76978	7.833 ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	12.50	216	42709	7.697 ng/ul	95
38) Hexachlorocyclopentadiene	12.48	237	26350	7.004 ng/ul	99
39) 2,4,6-Trichlorophenol	12.73	196	21542	6.775 ng/ul	92
40) 2,4,5-Trichlorophenol	12.80	196	22119	6.511 ng/ul	97
41) 1,1'-Biphenyl	13.14	154	103319	7.616 ng/ul	98
42) 2-Chloronaphthalene	13.18	162	83450	7.645 ng/ul	99
43) 2-Nitroaniline	13.37	65	21769	6.706 ng/ul	98
45) Dimethylphthalate	13.77	163	101874	7.625 ng/ul	100
46) 2,6-Dinitrotoluene	13.88	165	15398	6.538 ng/ul	92
48) Acenaphthylene	14.02	152	124561	7.568 ng/ul	99
49) 3-Nitroaniline	14.20	138	12012	5.218 ng/ul#	78
50) Acenaphthene	14.37	153	86116	7.595 ng/ul	98
51) 2,4-Dinitrophenol	14.41	184	4243	4.499 ng/ul	90
53) 4-Nitrophenol	14.51	109	16355	7.582 ng/ul#	79
54) Dibenzofuran	14.71	168	123254	7.842 ng/ul	100
55) 2,4-Dinitrotoluene	14.67	165	22902	6.768 ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.94	232	18558	6.963 ng/ul	94
57) Diethylphthalate	15.15	149	101486	7.576 ng/ul	98
59) Fluorene	15.36	166	102613	7.753 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.36	204	51486	7.816 ng/ul	97
61) 4-Nitroaniline	15.36	138	14591	5.171 ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.43	198	10478	6.214 ng/ul	94
65) N-Nitrosodiphenylamine	15.57	169	83316	7.651 ng/ul	97
66) 4-Bromophenyl-phenylether	16.25	248	29509	7.557 ng/ul#	87
67) Hexachlorobenzene	16.37	284	35566	8.031 ng/ul	96
68) Atrazine	16.52	200	27973	6.998 ng/ul	95
69) Pentachlorophenol	16.71	266	12809	5.813 ng/ul	96
70) Phenanthrene	17.09	178	155902	7.716 ng/ul	99
72) Anthracene	17.18	178	161558	7.779 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.10	216	40114	7.671 ng/uL	96
74) Pentachlorobenzene	14.64	250	40492	7.986 ng/uL	95
75) Carbazole	17.45	167	135456	7.378 ng/ul	99
76) Di-n-butylphthalate	18.04	149	149675	6.931 ng/ul	99
77) Fluoranthene	19.11	202	170603	7.151 ng/ul	99
80) Pyrene	19.48	202	184181	7.631 ng/ul	98
81) Butylbenzylphthalate	20.41	149	53281	5.937 ng/ul	95
82) 3,3'-Dichlorobenzidine	21.17	252	41828	5.333 ng/ul	97
83) Benzo(a)anthracene	21.24	228	174135	7.616 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.21	149	82032	6.097 ng/ul	99
85) Chrysene	21.29	228	169922	7.621 ng/ul	99
87) Di-n-octyl phthalate	22.08	149	134280	5.441 ng/ul	100
88) Benzo(b)fluoranthene	22.81	252	166872	6.945 ng/ul	99
89) Benzo(k)fluoranthene	22.85	252	174564	7.571 ng/ul	99
91) Benzo(a)pyrene	23.38	252	158730	7.321 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.69	276	194434	7.229 ng/ul	96
93) Dibenzo(a,h)anthracene	25.71	278	165202	7.262 ng/ul	98
94) Benzo(g,h,i)perylene	26.36	276	161214	7.248 ng/ul	100

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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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