Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071520\
Data File : BM026777.D
Acq On : 15 Jul 2020 15:12
Operator : JU/CG
Sample : L1955-18
Misc : MDL-SOIL-ME-04
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-ME-SOIL-04

Manual Integrations APPROVED
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7/16/2020 11:05:38 AM

Quant Time: Jul 15 15:59:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 15 10:09:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	59608	20.00	ng/ul	0.00
18) Naphthalene-d8	10.06	136	230869	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.97	164	143432	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.73	188	292470	20.00	ng/ul	0.00
78) Chrysene-d12	20.95	240	304228	20.00	ng/ul	0.00
86) Perylene-d12	23.01	264	351076	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.91	96	3068	1.55	ng/uL	0.00
5) Phenol-d5	6.52	99	141346	25.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.67	67	101764	27.56	ng/ul	0.00
9) 2-Chlorophenol-d4	6.85	132	111438	26.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.04	113	109157	25.00	ng/ul	0.00
19) Nitrobenzene-d5	8.45	128	53054	29.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.17	143	55831	28.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.71	165	105659	27.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.22	131	138485	34.50	ng/ul	0.00
44) Dimethylphthalate-d6	13.40	166	325804	28.47	ng/ul	0.00
47) Acenaphthylene-d8	13.65	160	388692	28.11	ng/ul	0.00
52) 4-Nitrophenol-d4	14.23	143	33836	20.49	ng/ul	0.00
58) Fluorene-d10	14.98	176	274469	27.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.13	200	45402	24.85	ng/ul	0.00
71) Anthracene-d10	16.83	188	424051	29.44	ng/ul	0.00
79) Pyrene-d10	19.14	212	475771	30.09	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.89	264	521957	27.55	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.94	88	2927	1.363	ng/uL#	84
4) Benzaldehyde	6.48	77	9583m	3.306	ng/ul	
6) Phenol	6.54	94	20734	3.455	ng/ul	90
8) Bis(2-Chloroethyl)ether	6.76	93	16270	3.560	ng/ul	94
10) 2-Chlorophenol	6.88	128	16223	3.508	ng/ul	96
11) 2-Methylphenol	7.78	108	13333	3.109	ng/ul	85
12) 2,2'-oxybis(1-Chloropropan	7.85	45	34412m	3.882	ng/ul	
14) Acetophenone	8.13	105	24189	3.270	ng/ul#	85
15) N-Nitroso-di-n-propylamine	8.13	70	14342	3.282	ng/ul	94
16) 4-Methylphenol	8.10	108	14804	3.106	ng/ul	93
17) Hexachloroethane	8.35	117	7354	3.589	ng/ul	97
20) Nitrobenzene	8.50	77	21880	3.800	ng/ul	96
21) Isophorone	9.02	82	33552	3.467	ng/ul	97
23) 2-Nitrophenol	9.20	139	8091	3.592	ng/ul#	89
24) 2,4-Dimethylphenol	9.28	107	17625	3.398	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.51	93	20677	3.593	ng/ul	95
27) 2,4-Dichlorophenol	9.74	162	14335	3.639	ng/ul	98
28) Naphthalene	10.11	128	50092	3.666	ng/ul	98
30) 4-Chloroaniline	10.24	127	19125	4.484	ng/ul	93
31) Hexachlorobutadiene	10.40	225	11232	3.934	ng/ul	98
32) Caprolactam	11.06	113	2885m	2.652	ng/ul	
33) 4-Chloro-3-methylphenol	11.40	107	13222	2.950	ng/ul	91
34) 2-Methylnaphthalene	11.74	142	33626	3.513	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	11.96	142	33218	3.723 ng/ul	91
37) 1,2,4,5-Tetrachlorobenzene	12.12	216	19212	3.685 ng/ul#	97
38) Hexachlorocyclopentadiene	12.10	237	2571	0.966 ng/ul#	92
39) 2,4,6-Trichlorophenol	12.40	196	9431	3.064 ng/ul	93
40) 2,4,5-Trichlorophenol	12.47	196	11365m	3.377 ng/ul	
41) 1,1'-Biphenyl	12.79	154	43811	3.529 ng/ul	92
42) 2-Chloronaphthalene	12.82	162	33940	3.473 ng/ul	97
43) 2-Nitroaniline	13.06	65	9426	2.869 ng/ul	92
45) Dimethylphthalate	13.45	163	44476	3.714 ng/ul	97
46) 2,6-Dinitrotoluene	13.57	165	7393	3.194 ng/ul	94
48) Acenaphthylene	13.68	152	52852	3.570 ng/ul	98
49) 3-Nitroaniline	13.92	138	4277	2.223 ng/ul#	87
50) Acenaphthene	14.03	153	36895	3.526 ng/ul	100
51) 2,4-Dinitrophenol	14.14	184	2431	2.022 ng/ul	95
53) 4-Nitrophenol	14.25	109	6923m	4.074 ng/ul	
54) Dibenzofuran	14.38	168	53426	3.598 ng/ul	95
55) 2,4-Dinitrotoluene	14.37	165	11859	3.445 ng/ul#	72
56) 2,3,4,6-Tetrachlorophenol	14.62	232	9242	3.190 ng/ul#	95
57) Diethylphthalate	14.83	149	44453	3.693 ng/ul	99
59) Fluorene	15.03	166	42761	3.525 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.04	204	22880	3.629 ng/ul	99
61) 4-Nitroaniline	15.08	138	5260m	2.417 ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.15	198	6456	3.336 ng/ul#	76
65) N-Nitrosodiphenylamine	15.26	169	36622	3.745 ng/ul	96
66) 4-Bromophenyl-phenylether	15.93	248	13786	3.910 ng/ul	93
67) Hexachlorobenzene	16.04	284	14816	3.688 ng/ul	97
68) Atrazine	16.23	200	12472	3.915 ng/ul	93
69) Pentachlorophenol	16.41	266	5096	2.572 ng/ul	99
70) Phenanthrene	16.77	178	68463	3.759 ng/ul	98
72) Anthracene	16.86	178	68253	3.714 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.75	216	19482	3.864 ng/uL	93
74) Pentachlorobenzene	14.30	250	19170	3.969 ng/uL	95
75) Carbazole	17.15	167	51833	3.523 ng/ul	99
76) Di-n-butylphthalate	17.73	149	65290	3.668 ng/ul	98
77) Fluoranthene	18.80	202	75766	4.022 ng/ul#	95
80) Pyrene	19.17	202	83336	3.865 ng/ul	99
81) Butylbenzylphthalate	20.11	149	27193	3.555 ng/ul	94
82) 3,3'-Dichlorobenzidine	20.89	252	17813	2.905 ng/ul	90
83) Benzo(a)anthracene	20.94	228	83655	3.995 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.90	149	40018	3.513 ng/ul	97
85) Chrysene	20.99	228	80197	3.860 ng/ul	99
87) Di-n-octyl phthalate	21.74	149	68552	3.169 ng/ul	100
88) Benzo(b)fluoranthene	22.41	252	84152	3.529 ng/ul	97
89) Benzo(k)fluoranthene	22.45	252	79437	3.361 ng/ul	98
91) Benzo(a)pyrene	22.93	252	83192	3.932 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.01	276	94881	3.437 ng/ul	99
93) Dibenzo(a,h)anthracene	25.02	278	81439	3.501 ng/ul#	91
94) Benzo(g,h,i)perylene	25.62	276	82697	3.591 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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