Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071520\
Data File : BM026771.D
Acq On : 15 Jul 2020 11:34
Operator : JU/CG
Sample : L1955-05
Misc : MDL-SOIL-05
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-05

Manual Integrations APPROVED
mohammad
7/16/2020 11:05:27 AM

Quant Time: Jul 15 16:00:25 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	7.31	152	68956	20.00	ng/ul	0.00
18) Naphthalene-d8	10.06	136	276875	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.97	164	173037	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.73	188	354489	20.00	ng/ul	0.00
78) Chrysene-d12	20.95	240	310854	20.00	ng/ul	0.00
86) Perylene-d12	23.01	264	339681	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.91	96	3427	1.49	ng/uL	0.00
5) Phenol-d5	6.52	99	175482	27.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.67	67	126804	29.69	ng/ul	0.00
9) 2-Chlorophenol-d4	6.85	132	137938	28.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.04	113	137246	27.17	ng/ul	0.00
19) Nitrobenzene-d5	8.45	128	65173	29.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.17	143	71240	30.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.71	165	132585	29.00	ng/ul	0.00
29) 4-Chloroaniline-d4	10.22	131	179009	37.18	ng/ul	0.00
44) Dimethylphthalate-d6	13.40	166	426371	30.89	ng/ul	0.00
47) Acenaphthylene-d8	13.65	160	508608	30.49	ng/ul	0.00
52) 4-Nitrophenol-d4	14.23	143	48109	24.15	ng/ul	0.00
58) Fluorene-d10	14.98	176	357984	29.62	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.13	200	59266	26.76	ng/ul	0.00
71) Anthracene-d10	16.83	188	539642	30.91	ng/ul	0.00
79) Pyrene-d10	19.14	212	573793	35.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.88	264	518355	28.28	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.94	88	4311	1.735	ng/uL	97
4) Benzaldehyde	6.48	77	11030m	3.289	ng/ul	
6) Phenol	6.55	94	25160	3.624	ng/ul	96
8) Bis(2-Chloroethyl)ether	6.76	93	19674	3.721	ng/ul	97
10) 2-Chlorophenol	6.88	128	19332	3.614	ng/ul	91
11) 2-Methylphenol	7.78	108	16110	3.248	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	7.85	45	40609	3.960	ng/ul	98
14) Acetophenone	8.13	105	30205	3.530	ng/ul#	84
15) N-Nitroso-di-n-propylamine	8.12	70	17627	3.487	ng/ul	88
16) 4-Methylphenol	8.10	108	18951	3.437	ng/ul	90
17) Hexachloroethane	8.35	117	8694	3.668	ng/ul	97
20) Nitrobenzene	8.50	77	24798	3.591	ng/ul	98
21) Isophorone	9.02	82	43314	3.732	ng/ul	97
23) 2-Nitrophenol	9.20	139	10542	3.902	ng/ul	96
24) 2,4-Dimethylphenol	9.28	107	21995	3.536	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.51	93	24902	3.608	ng/ul	98
27) 2,4-Dichlorophenol	9.73	162	17299	3.662	ng/ul	93
28) Naphthalene	10.11	128	59412	3.625	ng/ul	98
30) 4-Chloroaniline	10.24	127	23331	4.561	ng/ul	95
31) Hexachlorobutadiene	10.40	225	13147	3.840	ng/ul	97
32) Caprolactam	11.07	113	3910m	2.997	ng/ul	
33) 4-Chloro-3-methylphenol	11.40	107	18911	3.518	ng/ul	94
34) 2-Methylnaphthalene	11.74	142	41672	3.630	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	11.96	142	41542	3.882 ng/ul#	93
37) 1,2,4,5-Tetrachlorobenzene	12.12	216	23553	3.745 ng/ul	93
38) Hexachlorocyclopentadiene	12.10	237	3504	1.092 ng/ul#	87
39) 2,4,6-Trichlorophenol	12.39	196	12673	3.413 ng/ul	92
40) 2,4,5-Trichlorophenol	12.47	196	11407	2.809 ng/ul	92
41) 1,1'-Biphenyl	12.79	154	56632	3.781 ng/ul	98
42) 2-Chloronaphthalene	12.82	162	42364	3.593 ng/ul	98
43) 2-Nitroaniline	13.06	65	12273	3.096 ng/ul	96
45) Dimethylphthalate	13.45	163	57328	3.968 ng/ul	98
46) 2,6-Dinitrotoluene	13.57	165	9169	3.284 ng/ul#	88
48) Acenaphthylene	13.68	152	66212	3.707 ng/ul	98
49) 3-Nitroaniline	13.91	138	6651	2.866 ng/ul#	91
50) Acenaphthene	14.03	153	47620	3.772 ng/ul	98
51) 2,4-Dinitrophenol	14.14	184	2081	1.435 ng/ul#	86
53) 4-Nitrophenol	14.24	109	9334m	4.553 ng/ul	
54) Dibenzofuran	14.38	168	66416	3.708 ng/ul	96
55) 2,4-Dinitrotoluene	14.38	165	14392	3.466 ng/ul#	76
56) 2,3,4,6-Tetrachlorophenol	14.62	232	12983	3.714 ng/ul#	95
57) Diethylphthalate	14.83	149	55607	3.830 ng/ul	99
59) Fluorene	15.03	166	54428	3.719 ng/ul	96
60) 4-Chlorophenyl-phenylether	15.04	204	28889	3.798 ng/ul	92
61) 4-Nitroaniline	15.08	138	6851m	2.610 ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.14	198	8575	3.655 ng/ul#	56
65) N-Nitrosodiphenylamine	15.25	169	46222	3.900 ng/ul	97
66) 4-Bromophenyl-phenylether	15.94	248	17252	4.037 ng/ul	96
67) Hexachlorobenzene	16.04	284	19174	3.937 ng/ul	93
68) Atrazine	16.23	200	15389	3.985 ng/ul	98
69) Pentachlorophenol	16.41	266	6659	2.773 ng/ul	92
70) Phenanthrene	16.77	178	86536	3.920 ng/ul	98
72) Anthracene	16.86	178	86956	3.904 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.75	216	23655	3.870 ng/uL	96
74) Pentachlorobenzene	14.29	250	22859	3.905 ng/uL	94
75) Carbazole	17.15	167	63314	3.550 ng/ul	98
76) Di-n-butylphthalate	17.73	149	83516	3.871 ng/ul	99
77) Fluoranthene	18.80	202	90256	3.953 ng/ul	98
80) Pyrene	19.17	202	99967	4.538 ng/ul	97
81) Butylbenzylphthalate	20.11	149	30544	3.908 ng/ul	98
82) 3,3'-Dichlorobenzidine	20.89	252	16563	2.643 ng/ul#	90
83) Benzo(a)anthracene	20.94	228	88885	4.154 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.90	149	44565	3.829 ng/ul	97
85) Chrysene	20.99	228	83264	3.922 ng/ul	99
87) Di-n-octyl phthalate	21.74	149	72530	3.465 ng/ul	100
88) Benzo(b)fluoranthene	22.41	252	83470	3.618 ng/ul	97
89) Benzo(k)fluoranthene	22.45	252	81059	3.545 ng/ul	97
91) Benzo(a)pyrene	22.92	252	85387	4.172 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.01	276	91608	3.429 ng/ul	97
93) Dibenzo(a,h)anthracene	25.02	278	78426	3.485 ng/ul	97
94) Benzo(g,h,i)perylene	25.62	276	78347	3.516 ng/ul	95

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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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