Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072720\
Data File : BM026877.D
Acq On : 27 Jul 2020 18:16
Operator : JU/CG
Sample : L1955-16
Misc : MDL-SOIL-ME-02
ALS Vial : 13 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
7/28/2020 11:44:19 AM

Quant Time: Jul 27 18:48:50 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	69675	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	269815	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	171362	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	353744	20.00	ng/ul	0.00
78) Chrysene-d12	21.25	240	345571	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	349791	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	10810	7.08	ng/uL	0.00
5) Phenol-d5	6.84	99	170991	28.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	122232	29.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	132387	28.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	133518	28.43	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	62861	29.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	54100	28.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	126444	27.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	162766	29.72	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	394129	29.33	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	511285	29.90	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	56681	24.94	ng/ul	0.00
58) Fluorene-d10	15.31	176	343710	29.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	36931	23.42	ng/ul	0.00
71) Anthracene-d10	17.15	188	523099	29.59	ng/ul	0.00
79) Pyrene-d10	19.45	212	551724	29.93	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.33	264	554980	28.12	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	7867	4.145	ng/uL	93
4) Benzaldehyde	6.82	77	22868	4.599	ng/ul	98
6) Phenol	6.87	94	41844	6.406	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.10	93	34736	6.720	ng/ul	97
10) 2-Chlorophenol	7.24	128	31365	6.614	ng/ul	98
11) 2-Methylphenol	8.11	108	30308	6.486	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.21	45	29816	6.514	ng/ul	98
14) Acetophenone	8.48	105	53154	6.821	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.48	70	31273	6.645	ng/ul	91
16) 4-Methylphenol	8.44	108	31849	6.395	ng/ul	98
17) Hexachloroethane	8.75	117	16126	7.134	ng/ul	91
20) Nitrobenzene	8.85	77	48540	7.139	ng/ul	99
21) Isophorone	9.38	82	79224	6.609	ng/ul	100
23) 2-Nitrophenol	9.57	139	14509	6.611	ng/ul	91
24) 2,4-Dimethylphenol	9.64	107	38564	6.727	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.87	93	44891	6.722	ng/ul#	97
27) 2,4-Dichlorophenol	10.10	162	31078	6.946	ng/ul	95
28) Naphthalene	10.50	128	103550	6.869	ng/ul	97
30) 4-Chloroaniline	10.60	127	34298	6.210	ng/ul	97
31) Hexachlorobutadiene	10.81	225	22549	7.137	ng/ul	96
32) Caprolactam	11.37	113	7670m	5.490	ng/ul	
33) 4-Chloro-3-methylphenol	11.73	107	31043	6.223	ng/ul	98
34) 2-Methylnaphthalene	12.12	142	72799	6.831	ng/ul	100

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35) 1-Methylnaphthalene	12.34	142	71412	6.858	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.50	216	39667	6.772	ng/ul	98
38) Hexachlorocyclopentadiene	12.48	237	24376	6.138	ng/ul	97
39) 2,4,6-Trichlorophenol	12.73	196	19456	5.797	ng/ul	99
40) 2,4,5-Trichlorophenol	12.80	196	22194	6.189	ng/ul	94
41) 1,1'-Biphenyl	13.14	154	96847	6.763	ng/ul	97
42) 2-Chloronaphthalene	13.18	162	79629	6.911	ng/ul	98
43) 2-Nitroaniline	13.37	65	19830	5.787	ng/ul	97
45) Dimethylphthalate	13.77	163	95440	6.768	ng/ul	99
46) 2,6-Dinitrotoluene	13.88	165	14686	5.907	ng/ul#	85
48) Acenaphthylene	14.02	152	118405	6.815	ng/ul	98
49) 3-Nitroaniline	14.19	138	11601	4.774	ng/ul#	98
50) Acenaphthene	14.37	153	82535	6.895	ng/ul	99
51) 2,4-Dinitrophenol	14.40	184	4213	4.232	ng/ul#	86
53) 4-Nitrophenol	14.51	109	15179	6.667	ng/ul	92
54) Dibenzofuran	14.71	168	116693	7.033	ng/ul	99
55) 2,4-Dinitrotoluene	14.67	165	20749	5.809	ng/ul	91
56) 2,3,4,6-Tetrachlorophenol	14.94	232	16474	5.855	ng/ul	96
57) Diethylphthalate	15.15	149	95620	6.762	ng/ul	98
59) Fluorene	15.36	166	94986	6.799	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.36	204	47857	6.882	ng/ul	97
61) 4-Nitroaniline	15.36	138	13926	4.675	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.43	198	9554	5.332	ng/ul#	90
65) N-Nitrosodiphenylamine	15.57	169	78524	6.786	ng/ul	98
66) 4-Bromophenyl-phenylether	16.25	248	28378	6.838	ng/ul	96
67) Hexachlorobenzene	16.37	284	32607	6.929	ng/ul	96
68) Atrazine	16.52	200	24912	5.865	ng/ul	97
69) Pentachlorophenol	16.71	266	12491	5.334	ng/ul	100
70) Phenanthrene	17.09	178	148149	6.899	ng/ul	99
72) Anthracene	17.18	178	152354	6.903	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.10	216	36776	6.617	ng/uL	97
74) Pentachlorobenzene	14.63	250	37749	7.006	ng/uL	96
75) Carbazole	17.45	167	124332	6.373	ng/ul	97
76) Di-n-butylphthalate	18.04	149	137544	5.993	ng/ul	98
77) Fluoranthene	19.11	202	162494	6.409	ng/ul	99
80) Pyrene	19.48	202	175170	6.967	ng/ul	95
81) Butylbenzylphthalate	20.41	149	48856	5.226	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.17	252	37427	4.581	ng/ul#	96
83) Benzo(a)anthracene	21.24	228	160940	6.757	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.20	149	76455	5.455	ng/ul	99
85) Chrysene	21.28	228	159128	6.851	ng/ul	99
87) Di-n-octyl phthalate	22.08	149	124119	4.829	ng/ul	100
88) Benzo(b)fluoranthene	22.80	252	157653	6.300	ng/ul	98
89) Benzo(k)fluoranthene	22.85	252	158749	6.611	ng/ul	99
91) Benzo(a)pyrene	23.37	252	152445	6.752	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.68	276	183023	6.534	ng/ul	95
93) Dibenzo(a,h)anthracene	25.70	278	157648	6.654	ng/ul	97
94) Benzo(g,h,i)perylene	26.36	276	151312	6.533	ng/ul	97

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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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