Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM071420\
Data File : BM026746.D
Acq On : 14 Jul 2020 11:05
Operator : JU/CG
Sample : L1955-01
Misc : MDL-SOIL-01
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-SOIL-01

Quant Time: Jul 14 11:53:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 14 10:31:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.31	152	53986	20.00	ng/ul	0.00
18) Naphthalene-d8	10.07	136	219623	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.97	164	133126	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.73	188	277205	20.00	ng/ul	0.00
78) Chrysene-d12	20.95	240	294786	20.00	ng/ul	0.00
86) Perylene-d12	23.02	264	344679	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.91	96	2862	1.59	ng/uL	0.00
5) Phenol-d5	6.53	99	127365	25.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.67	67	90108	26.95	ng/ul	0.00
9) 2-Chlorophenol-d4	6.85	132	98643	25.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.04	113	98488	24.91	ng/ul	0.00
19) Nitrobenzene-d5	8.46	128	46216	26.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.17	143	50764	27.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.71	165	93923	25.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.22	131	125836	32.95	ng/ul	0.00
44) Dimethylphthalate-d6	13.40	166	282653	26.62	ng/ul	0.00
47) Acenaphthylene-d8	13.66	160	344031	26.81	ng/ul	0.00
52) 4-Nitrophenol-d4	14.24	143	33981	22.17	ng/ul	0.00
58) Fluorene-d10	14.98	176	237805	25.57	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.14	200	41696	24.07	ng/ul	0.00
71) Anthracene-d10	16.83	188	372593	27.29	ng/ul	0.00
79) Pyrene-d10	19.14	212	426547	27.84	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.89	264	475184	25.55	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.94	88	2935	1.509	ng/uL	95
4) Benzaldehyde	6.48	77	8567	3.263	ng/ul	93
6) Phenol	6.55	94	19549	3.596	ng/ul	94
8) Bis(2-Chloroethyl)ether	6.76	93	15498	3.744	ng/ul	96
10) 2-Chlorophenol	6.88	128	15005	3.583	ng/ul	94
11) 2-Methylphenol	7.78	108	13590	3.499	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	7.85	45	32136	4.002	ng/ul	95
14) Acetophenone	8.14	105	23265	3.473	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.12	70	13704	3.462	ng/ul#	88
16) 4-Methylphenol	8.10	108	14687	3.402	ng/ul	99
17) Hexachloroethane	8.36	117	7029	3.788	ng/ul	94
20) Nitrobenzene	8.50	77	20775	3.793	ng/ul	99
21) Isophorone	9.02	82	33679	3.658	ng/ul	99
23) 2-Nitrophenol	9.20	139	7776	3.629	ng/ul	87
24) 2,4-Dimethylphenol	9.28	107	16430	3.330	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.51	93	20284	3.705	ng/ul#	92
27) 2,4-Dichlorophenol	9.74	162	13218	3.527	ng/ul	95
28) Naphthalene	10.11	128	46662	3.590	ng/ul	99
30) 4-Chloroaniline	10.25	127	18527	4.566	ng/ul	95
31) Hexachlorobutadiene	10.40	225	10349	3.811	ng/ul#	91
32) Caprolactam	11.05	113	3114	3.009	ng/ul	93
33) 4-Chloro-3-methylphenol	11.41	107	13686	3.209	ng/ul	95
34) 2-Methylnaphthalene	11.74	142	31648	3.475	ng/ul	90

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	11.97	142	31657	3.729 ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.13	216	17898	3.699 ng/ul	98
39) 2,4,6-Trichlorophenol	12.40	196	9693	3.393 ng/ul	100
40) 2,4,5-Trichlorophenol	12.48	196	11179	3.579 ng/ul	98
41) 1,1'-Biphenyl	12.79	154	41694	3.618 ng/ul	97
42) 2-Chloronaphthalene	12.82	162	31585	3.482 ng/ul	98
43) 2-Nitroaniline	13.07	65	9279	3.043 ng/ul	97
45) Dimethylphthalate	13.45	163	41824	3.763 ng/ul	98
46) 2,6-Dinitrotoluene	13.58	165	7102	3.306 ng/ul	98
48) Acenaphthylene	13.68	152	49409	3.595 ng/ul	99
49) 3-Nitroaniline	13.91	138	5244	2.937 ng/ul#	85
50) Acenaphthene	14.04	153	34565	3.559 ng/ul	97
51) 2,4-Dinitrophenol	14.15	184	2196	1.968 ng/ul	91
53) 4-Nitrophenol	14.26	109	4919	3.118 ng/ul	94
54) Dibenzofuran	14.38	168	49671	3.604 ng/ul	96
55) 2,4-Dinitrotoluene	14.38	165	10896	3.410 ng/ul#	96
56) 2,3,4,6-Tetrachlorophenol	14.63	232	9579	3.562 ng/ul	93
57) Diethylphthalate	14.84	149	41668	3.730 ng/ul	97
59) Fluorene	15.04	166	40790	3.623 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.04	204	21004	3.589 ng/ul	94
61) 4-Nitroaniline	15.09	138	5232	2.590 ng/ul#	89
64) 4,6-Dinitro-2-methylphenol	15.15	198	6170	3.363 ng/ul#	74
65) N-Nitrosodiphenylamine	15.26	169	34401	3.711 ng/ul	98
66) 4-Bromophenyl-phenylether	15.94	248	12627	3.779 ng/ul	99
67) Hexachlorobenzene	16.05	284	14202	3.729 ng/ul	95
68) Atrazine	16.24	200	11994	3.972 ng/ul	94
69) Pentachlorophenol	16.41	266	5261	2.802 ng/ul	88
70) Phenanthrene	16.77	178	63968	3.706 ng/ul	99
72) Anthracene	16.87	178	64931	3.728 ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	12.75	216	17229	3.605 ng/uL	92
74) Pentachlorobenzene	14.30	250	17732	3.874 ng/uL	94
75) Carbazole	17.15	167	52089	3.735 ng/ul	96
76) Di-n-butylphthalate	17.74	149	60863	3.607 ng/ul	98
77) Fluoranthene	18.81	202	72958	4.086 ng/ul	99
80) Pyrene	19.17	202	80671	3.862 ng/ul	100
81) Butylbenzylphthalate	20.11	149	27652	3.731 ng/ul	95
82) 3,3'-Dichlorobenzidine	20.89	252	18677	3.143 ng/ul	96
83) Benzo(a)anthracene	20.94	228	81220	4.003 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	20.91	149	40496	3.669 ng/ul#	99
85) Chrysene	20.99	228	79164	3.932 ng/ul	99
87) Di-n-octyl phthalate	21.75	149	74497	3.508 ng/ul	100
88) Benzo(b)fluoranthene	22.42	252	84832	3.623 ng/ul	98
89) Benzo(k)fluoranthene	22.46	252	82575	3.559 ng/ul	96
91) Benzo(a)pyrene	22.93	252	83535	4.022 ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.02	276	94964	3.503 ng/ul	99
93) Dibenzo(a,h)anthracene	25.04	278	77903	3.411 ng/ul	97
94) Benzo(g,h,i)perylene	25.63	276	80635	3.567 ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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