Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030521\
Data File : BP004925.D
Acq On : 05 Mar 2021 20:06
Operator : CG/JU
Sample : M1534-18
Misc : SOM-MDL-ME-S-04
ALS Vial : 20 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
3/8/2021 9:36:52 AM

Quant Time: Mar 05 23:25:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP030521MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 05 22:20:13 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	29673	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	119942	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	82178	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.15	188	184654	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	208345	20.00	ng/ul	0.00
86) Perylene-d12	23.53	264	204670	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	3699	5.06	ng/uL	0.00
5) Phenol-d5	6.91	99	91024	40.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	52313	44.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	72245	39.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	71460	38.98	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	36110	41.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	39466	40.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	69790	36.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	92574	43.81	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	238060	40.27	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	280797	38.60	ng/ul	0.00
52) 4-Nitrophenol-d4	14.60	143	38171	36.78	ng/ul	0.00
58) Fluorene-d10	15.39	176	206314	39.16	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	40677	33.65	ng/ul	0.00
71) Anthracene-d10	17.25	188	325130	39.21	ng/ul	0.00
79) Pyrene-d10	19.49	212	382189	40.69	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	432269	41.56	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	772	1.080	ng/uL#	71
4) Benzaldehyde	6.89	77	7442	6.555	ng/ul	99
6) Phenol	6.93	94	10294	4.333	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.16	93	8240	4.696	ng/ul	97
10) 2-Chlorophenol	7.30	128	8341	4.422	ng/ul	96
11) 2-Methylphenol	8.18	108	6987	3.851	ng/ul	90
12) 2,2'-oxybis(1-Chloropropan	8.26	45	8596m	4.830	ng/ul	
14) Acetophenone	8.56	105	13147	4.345	ng/ul	87
15) N-Nitroso-di-n-propylamine	8.55	70	6517	4.596	ng/ul	93
16) 4-Methylphenol	8.51	108	8213	4.223	ng/ul	99
17) Hexachloroethane	8.81	117	3916	4.732	ng/ul	89
20) Nitrobenzene	8.93	77	10315	4.604	ng/ul	95
21) Isophorone	9.46	82	16177	4.231	ng/ul#	93
23) 2-Nitrophenol	9.65	139	4973	4.689	ng/ul	92
24) 2,4-Dimethylphenol	9.71	107	10354	4.349	ng/ul	89
25) Bis(2-Chloroethoxy)methane	9.95	93	9791	4.148	ng/ul	96
27) 2,4-Dichlorophenol	10.17	162	8529	4.489	ng/ul	88
28) Naphthalene	10.57	128	26917	4.297	ng/ul	99
30) 4-Chloroaniline	10.69	127	10990	5.116	ng/ul	95
31) Hexachlorobutadiene	10.86	225	6533	4.329	ng/ul	87
32) Caprolactam	11.50	113	2293m	3.853	ng/ul	
33) 4-Chloro-3-methylphenol	11.83	107	8647	4.079	ng/ul	98
34) 2-Methylnaphthalene	12.20	142	18678	4.175	ng/ul	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.42	142	18270	4.216	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.57	216	11282	3.951	ng/ul#	97
38) Hexachlorocyclopentadiene	12.55	237	5963	3.283	ng/ul	95
39) 2,4,6-Trichlorophenol	12.82	196	6393	3.799	ng/ul	86
40) 2,4,5-Trichlorophenol	12.89	196	6670	3.634	ng/ul	94
41) 1,1'-Biphenyl	13.22	154	24742	4.101	ng/ul#	89
42) 2-Chloronaphthalene	13.26	162	20147	4.176	ng/ul	98
43) 2-Nitroaniline	13.47	65	5106	3.974	ng/ul	89
45) Dimethylphthalate	13.85	163	27286	4.449	ng/ul	99
46) 2,6-Dinitrotoluene	13.97	165	4497	3.645	ng/ul#	96
48) Acenaphthylene	14.11	152	29226	4.217	ng/ul	96
49) 3-Nitroaniline	14.30	138	4187	3.892	ng/ul#	92
50) Acenaphthene	14.45	153	21027	4.161	ng/ul	96
51) 2,4-Dinitrophenol	14.51	184	2261	2.716	ng/ul	95
53) 4-Nitrophenol	14.61	109	4952	4.544	ng/ul#	88
54) Dibenzofuran	14.79	168	30430	4.105	ng/ul	95
55) 2,4-Dinitrotoluene	14.76	165	6977	3.898	ng/ul#	89
56) 2,3,4,6-Tetrachlorophenol	15.02	232	6188	3.608	ng/ul	96
57) Diethylphthalate	15.22	149	25246	4.165	ng/ul	96
59) Fluorene	15.44	166	25668	4.140	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.44	204	13363	3.880	ng/ul#	80
61) 4-Nitroaniline	15.47	138	4711	3.797	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.52	198	5069	4.153	ng/ul#	85
65) N-Nitrosodiphenylamine	15.65	169	21395	4.092	ng/ul	96
66) 4-Bromophenyl-phenylether	16.33	248	8295	3.929	ng/ul	92
67) Hexachlorobenzene	16.45	284	10041	4.149	ng/ul	96
68) Atrazine	16.61	200	7303	3.439	ng/ul	96
69) Pentachlorophenol	16.80	266	4134	2.760	ng/ul#	84
70) Phenanthrene	17.19	178	41291	4.202	ng/ul	98
72) Anthracene	17.28	178	42714	4.268	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.18	216	11444	4.055	ng/uL	95
74) Pentachlorobenzene	14.70	250	11029	3.869	ng/uL	97
75) Carbazole	17.56	167	33985	3.915	ng/ul	97
76) Di-n-butylphthalate	18.12	149	37828	3.821	ng/ul	99
77) Fluoranthene	19.16	202	47672	3.940	ng/ul	99
80) Pyrene	19.52	202	52699	4.362	ng/ul#	97
81) Butylbenzylphthalate	20.39	149	16753	3.937	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.16	252	16077	3.708	ng/ul	95
83) Benzo(a)anthracene	21.22	228	52313	4.167	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.15	149	24202m	3.803	ng/ul	
85) Chrysene	21.27	228	51678	4.231	ng/ul	99
87) Di-n-octyl phthalate	22.04	149	41346	3.599	ng/ul	100
88) Benzo(b)fluoranthene	22.83	252	53710	4.241	ng/ul	98
89) Benzo(k)fluoranthene	22.88	252	52226	4.162	ng/ul	100
91) Benzo(a)pyrene	23.43	252	48884	4.364	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.89	276	59457	4.101	ng/ul	100
93) Dibenzo(a,h)anthracene	25.90	278	51053	4.121	ng/ul	98
94) Benzo(g,h,i)perylene	26.60	276	49853	4.123	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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