Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030321\
Data File : BP004903.D
Acq On : 03 Mar 2021 20:32
Operator : CG/JU
Sample : M1534-16
Misc : SOM-MDL-MES-02
ALS Vial : 19 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
3/4/2021 11:33:45 AM

Quant Time: Mar 04 03:18:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP030221MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 03 10:35:24 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	24252	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	101094	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.39	164	66124	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.15	188	152257	20.00	ng/ul	-0.01
78) Chrysene-d12	21.24	240	169089	20.00	ng/ul	-0.01
86) Perylene-d12	23.54	264	169950	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	3037	4.93	ng/uL	0.00
5) Phenol-d5	6.92	99	73016	36.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	42294	41.29	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.28	132	60044	39.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	58404	37.11	ng/ul	-0.01
19) Nitrobenzene-d5	8.90	128	29000	39.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	33786	40.86	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.16	165	57720	36.91	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.67	131	77893	43.58	ng/ul	-0.01
44) Dimethylphthalate-d6	13.80	166	198087	40.95	ng/ul	-0.01
47) Acenaphthylene-d8	14.08	160	235956	39.84	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.60	143	31567	36.48	ng/ul	-0.01
58) Fluorene-d10	15.39	176	171147	41.61	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.51	200	35409	35.67	ng/ul	-0.01
71) Anthracene-d10	17.25	188	270095	39.12	ng/ul	0.00
79) Pyrene-d10	19.49	212	312776	39.20	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	357369	41.03	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	749	1.117	ng/uL#	93
4) Benzaldehyde	6.88	77	5472	5.421	ng/ul	85
6) Phenol	6.94	94	8408	4.050	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.17	93	6257	4.095	ng/ul	86
10) 2-Chlorophenol	7.30	128	6187	3.877	ng/ul#	90
11) 2-Methylphenol	8.25	108	55	0.036	ng/ul	89
12) 2,2'-oxybis(1-Chloropropan	8.27	45	3967	4.016	ng/ul	96
14) Acetophenone	8.56	105	10779	4.143	ng/ul	89
15) N-Nitroso-di-n-propylamine	8.55	70	5065	4.025	ng/ul#	93
16) 4-Methylphenol	8.52	108	6323	3.795	ng/ul	97
17) Hexachloroethane	8.81	117	2860	4.071	ng/ul	86
20) Nitrobenzene	8.94	77	8272	4.143	ng/ul#	90
21) Isophorone	9.46	82	13168	3.855	ng/ul#	94
23) 2-Nitrophenol	9.65	139	3543	3.809	ng/ul	92
24) 2,4-Dimethylphenol	9.72	107	8186	3.963	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.95	93	8675	4.206	ng/ul	96
27) 2,4-Dichlorophenol	10.18	162	6006	3.733	ng/ul#	84
28) Naphthalene	10.58	128	21467	4.013	ng/ul	98
30) 4-Chloroaniline	10.70	127	8218	4.461	ng/ul	93
31) Hexachlorobutadiene	10.87	225	4963	4.211	ng/ul#	87
32) Caprolactam	11.50	113	1804	3.452	ng/ul	92
33) 4-Chloro-3-methylphenol	11.83	107	6243	3.408	ng/ul	98
34) 2-Methylnaphthalene	12.20	142	14508	3.811	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.42	142	14643	3.959	ng/ul#	98
37) 1,2,4,5-Tetrachlorobenzene	12.58	216	8674	4.092	ng/ul#	93
38) Hexachlorocyclopentadiene	12.55	237	4768	3.530	ng/ul#	86
39) 2,4,6-Trichlorophenol	12.82	196	4644	3.498	ng/ul	93
40) 2,4,5-Trichlorophenol	12.89	196	5254	3.693	ng/ul	96
41) 1,1'-Biphenyl	13.22	154	19721	3.983	ng/ul	98
42) 2-Chloronaphthalene	13.26	162	15466	3.975	ng/ul	98
43) 2-Nitroaniline	13.47	65	3711	3.333	ng/ul	98
45) Dimethylphthalate	13.85	163	20901	4.203	ng/ul	97
46) 2,6-Dinitrotoluene	13.97	165	3783	3.804	ng/ul	97
48) Acenaphthylene	14.11	152	23238	4.098	ng/ul	98
49) 3-Nitroaniline	14.30	138	3286	3.619	ng/ul	90
50) Acenaphthene	14.46	153	16324	3.965	ng/ul	98
51) 2,4-Dinitrophenol	14.52	184	1843	2.882	ng/ul#	87
53) 4-Nitrophenol	14.62	109	3707	3.946	ng/ul	93
54) Dibenzofuran	14.79	168	24770	4.157	ng/ul	94
55) 2,4-Dinitrotoluene	14.76	165	5258	3.589	ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	15.02	232	4925	3.919	ng/ul#	94
57) Diethylphthalate	15.22	149	21276m	4.231	ng/ul	
59) Fluorene	15.45	166	20411	4.107	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.45	204	11321	4.325	ng/ul	94
61) 4-Nitroaniline	15.47	138	3692	3.559	ng/ul	87
64) 4,6-Dinitro-2-methylphenol	15.53	198	4110	4.085	ng/ul#	90
65) N-Nitrosodiphenylamine	15.66	169	17005	3.804	ng/ul	94
66) 4-Bromophenyl-phenylether	16.34	248	6414	3.982	ng/ul#	88
67) Hexachlorobenzene	16.45	284	7139	3.861	ng/ul#	92
68) Atrazine	16.62	200	6441	3.676	ng/ul	97
69) Pentachlorophenol	16.80	266	3271	2.887	ng/ul	90
70) Phenanthrene	17.19	178	32174	3.888	ng/ul	99
72) Anthracene	17.28	178	33155	3.925	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.18	216	8887	3.921	ng/uL	97
74) Pentachlorobenzene	14.71	250	8768	3.971	ng/uL	97
75) Carbazole	17.56	167	26195	3.526	ng/ul	97
76) Di-n-butylphthalate	18.12	149	30205	3.439	ng/ul	99
77) Fluoranthene	19.17	202	36991	3.727	ng/ul#	96
80) Pyrene	19.52	202	41850	4.007	ng/ul	97
81) Butylbenzylphthalate	20.40	149	13254	3.252	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.16	252	13017	3.696	ng/ul	99
83) Benzo(a)anthracene	21.22	228	40697	3.895	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	20510	3.368	ng/ul	96
85) Chrysene	21.27	228	41212	4.049	ng/ul	97
87) Di-n-octyl phthalate	22.05	149	35105	3.068	ng/ul	100
88) Benzo(b)fluoranthene	22.84	252	43293	4.006	ng/ul	99
89) Benzo(k)fluoranthene	22.88	252	40112	3.754	ng/ul	96
91) Benzo(a)pyrene	23.43	252	37059	3.906	ng/ul#	93
92) Indeno(1,2,3-cd)pyrene	25.89	276	46226	3.807	ng/ul	96
93) Dibenzo(a,h)anthracene	25.90	278	39387	3.813	ng/ul	97
94) Benzo(g,h,i)perylene	26.60	276	38254	3.784	ng/ul#	92

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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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