Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030921\
Data File : BP004957.D
Acq On : 09 Mar 2021 23:48
Operator : CG/JU
Sample : M1534-21
Misc : SOM-MDL-MES-07
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-07

Manual Integrations APPROVED
mohammad
3/10/2021 11:54:47 AM

Quant Time: Mar 10 01:46:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP030921MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 09 23:59:32 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	30609	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	125990	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.38	164	86738	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.14	188	198975	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	227734	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	229367	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	3862	4.71	ng/uL	0.00
5) Phenol-d5	6.90	99	81258	33.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	47414	37.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	65137	34.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	66156	32.66	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	33017	35.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	36475	35.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	65697	32.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	83858	38.24	ng/ul	0.00
44) Dimethylphthalate-d6	13.79	166	221726	34.74	ng/ul	0.00
47) Acenaphthylene-d8	14.07	160	263649	33.84	ng/ul	0.00
52) 4-Nitrophenol-d4	14.59	143	34465	31.43	ng/ul	0.00
58) Fluorene-d10	15.38	176	195833	35.69	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	37548	29.42	ng/ul	0.00
71) Anthracene-d10	17.24	188	310325	34.80	ng/ul	0.00
79) Pyrene-d10	19.48	212	359286	34.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	419260	35.75	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	1154	1.451	ng/uL	91
4) Benzaldehyde	6.88	77	7088	5.692	ng/ul	94
6) Phenol	6.93	94	9494	3.704	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.16	93	7885	4.168	ng/ul#	93
10) 2-Chlorophenol	7.30	128	7737	3.943	ng/ul#	91
11) 2-Methylphenol	8.18	108	6754	3.465	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.26	45	8186m	4.056	ng/ul	
14) Acetophenone	8.56	105	12680	3.764	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.54	70	5808	3.625	ng/ul	90
16) 4-Methylphenol	8.50	108	7797	3.623	ng/ul	96
17) Hexachloroethane	8.80	117	3643	3.992	ng/ul	88
20) Nitrobenzene	8.93	77	10573	4.241	ng/ul	93
21) Isophorone	9.46	82	16316	3.834	ng/ul	97
23) 2-Nitrophenol	9.64	139	4460	4.016	ng/ul	94
24) 2,4-Dimethylphenol	9.70	107	9338	3.641	ng/ul#	80
25) Bis(2-Chloroethoxy)methane	9.94	93	9815	3.811	ng/ul	98
27) 2,4-Dichlorophenol	10.17	162	7352	3.718	ng/ul#	85
28) Naphthalene	10.57	128	24419	3.743	ng/ul#	93
30) 4-Chloroaniline	10.69	127	10190	4.462	ng/ul	98
31) Hexachlorobutadiene	10.86	225	5893	3.855	ng/ul	94
32) Caprolactam	11.50	113	2110m	3.271	ng/ul	
33) 4-Chloro-3-methylphenol	11.82	107	7372	3.205	ng/ul#	88
34) 2-Methylnaphthalene	12.19	142	17814	3.775	ng/ul	99

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35) 1-Methylnaphthalene	12.41	142	17277	3.721	ng/ul#	98
37) 1,2,4,5-Tetrachlorobenzene	12.56	216	10541	3.648	ng/ul#	93
38) Hexachlorocyclopentadiene	12.55	237	5422	2.892	ng/ul	93
39) 2,4,6-Trichlorophenol	12.80	196	5832	3.387	ng/ul	95
40) 2,4,5-Trichlorophenol	12.88	196	5906	3.157	ng/ul	96
41) 1,1'-Biphenyl	13.21	154	24748	3.878	ng/ul	97
42) 2-Chloronaphthalene	13.25	162	17699	3.538	ng/ul	98
43) 2-Nitroaniline	13.46	65	4793	3.299	ng/ul	94
45) Dimethylphthalate	13.84	163	25521	3.904	ng/ul	99
46) 2,6-Dinitrotoluene	13.96	165	4635	3.537	ng/ul	93
48) Acenaphthylene	14.10	152	27763	3.772	ng/ul	96
49) 3-Nitroaniline	14.30	138	4347	3.755	ng/ul#	99
50) Acenaphthene	14.45	153	20093	3.713	ng/ul	99
51) 2,4-Dinitrophenol	14.50	184	1903	2.197	ng/ul	97
53) 4-Nitrophenol	14.60	109	4761	3.884	ng/ul#	81
54) Dibenzofuran	14.79	168	29978	3.801	ng/ul	99
55) 2,4-Dinitrotoluene	14.75	165	6627	3.487	ng/ul#	89
56) 2,3,4,6-Tetrachlorophenol	15.01	232	5759	3.243	ng/ul#	93
57) Diethylphthalate	15.22	149	23598	3.530	ng/ul	94
59) Fluorene	15.43	166	25011	3.796	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.43	204	13641	3.766	ng/ul	90
61) 4-Nitroaniline	15.46	138	4576m	3.386	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.52	198	4649	3.586	ng/ul#	85
65) N-Nitrosodiphenylamine	15.65	169	20497	3.663	ng/ul	98
66) 4-Bromophenyl-phenylether	16.33	248	7778	3.541	ng/ul	97
67) Hexachlorobenzene	16.44	284	9555	3.853	ng/ul	95
68) Atrazine	16.61	200	7071	3.146	ng/ul	99
69) Pentachlorophenol	16.79	266	4603	2.934	ng/ul	95
70) Phenanthrene	17.18	178	39037	3.684	ng/ul	99
72) Anthracene	17.27	178	41030	3.774	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.17	216	11662	4.038	ng/uL	96
74) Pentachlorobenzene	14.70	250	11081	3.776	ng/uL	96
75) Carbazole	17.55	167	31993	3.419	ng/ul	99
76) Di-n-butylphthalate	18.10	149	36284	3.322	ng/ul	100
77) Fluoranthene	19.16	202	45673	3.529	ng/ul	98
80) Pyrene	19.51	202	50757	3.725	ng/ul	98
81) Butylbenzylphthalate	20.39	149	16358	3.311	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.15	252	14770	3.158	ng/ul	95
83) Benzo(a)anthracene	21.22	228	51702	3.750	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.14	149	23727	3.199	ng/ul	99
85) Chrysene	21.26	228	51384	3.803	ng/ul	98
87) Di-n-octyl phthalate	22.03	149	40073	2.953	ng/ul	100
88) Benzo(b)fluoranthene	22.82	252	54049	3.752	ng/ul	99
89) Benzo(k)fluoranthene	22.87	252	51224	3.605	ng/ul	98
91) Benzo(a)pyrene	23.42	252	49550	3.918	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.86	276	58588	3.626	ng/ul	98
93) Dibenzo(a,h)anthracene	25.87	278	50247	3.675	ng/ul	95
94) Benzo(g,h,i)perylene	26.58	276	48156	3.599	ng/ul	99

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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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