Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030321\
Data File : BP004902.D
Acq On : 03 Mar 2021 19:58
Operator : CG/JU
Sample : M1534-15
Misc : SOM-MDL-MES-01
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-01

Manual Integrations APPROVED
mohammad
3/4/2021 11:33:42 AM

Quant Time: Mar 04 03:37:12 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	28610	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	113112	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	72957	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.15	188	167881	20.00	ng/ul	-0.01
78) Chrysene-d12	21.24	240	191572	20.00	ng/ul	-0.01
86) Perylene-d12	23.54	264	191409	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	3391	4.66	ng/uL	0.00
5) Phenol-d5	6.92	99	79090	33.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	46072	38.13	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.28	132	65575	36.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	63165	34.02	ng/ul	-0.01
19) Nitrobenzene-d5	8.90	128	32198	39.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	34260	37.03	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.16	165	62525	35.74	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.67	131	82118	41.06	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	200973	37.65	ng/ul	-0.01
47) Acenaphthylene-d8	14.08	160	240864	36.86	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.60	143	32601m	34.14	ng/ul	-0.01
58) Fluorene-d10	15.39	176	175610	38.70	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.51	200	35835	32.74	ng/ul	-0.01
71) Anthracene-d10	17.25	188	281117	36.92	ng/ul	0.00
79) Pyrene-d10	19.49	212	325574	36.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	374589	38.18	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	701	0.886	ng/uL#	86
4) Benzaldehyde	6.89	77	7119	5.978	ng/ul	92
6) Phenol	6.94	94	9940	4.058	ng/ul#	88
8) Bis(2-Chloroethyl)ether	7.17	93	7558	4.193	ng/ul	92
10) 2-Chlorophenol	7.30	128	7895	4.194	ng/ul	98
11) 2-Methylphenol	8.19	108	7244	3.966	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.27	45	4537	3.893	ng/ul#	82
14) Acetophenone	8.56	105	12664	4.126	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.55	70	6266	4.221	ng/ul#	87
16) 4-Methylphenol	8.52	108	7924	4.032	ng/ul	93
17) Hexachloroethane	8.82	117	3415	4.121	ng/ul	85
20) Nitrobenzene	8.94	77	10369	4.641	ng/ul#	89
21) Isophorone	9.47	82	15490	4.053	ng/ul	95
23) 2-Nitrophenol	9.65	139	4397m	4.224	ng/ul	
24) 2,4-Dimethylphenol	9.72	107	9664	4.182	ng/ul	91
25) Bis(2-Chloroethoxy)methane	9.95	93	9765	4.231	ng/ul	98
27) 2,4-Dichlorophenol	10.18	162	7133	3.963	ng/ul#	85
28) Naphthalene	10.58	128	25264	4.221	ng/ul	98
30) 4-Chloroaniline	10.70	127	10061	4.881	ng/ul	96
31) Hexachlorobutadiene	10.87	225	5525	4.190	ng/ul	97
32) Caprolactam	11.50	113	1879m	3.213	ng/ul	
33) 4-Chloro-3-methylphenol	11.83	107	8035	3.920	ng/ul#	94
34) 2-Methylnaphthalene	12.20	142	17450	4.097	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.42	142	16464	3.978	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.57	216	9876	4.223	ng/ul	89
38) Hexachlorocyclopentadiene	12.55	237	4980	3.341	ng/ul	93
39) 2,4,6-Trichlorophenol	12.82	196	5843	3.989	ng/ul	86
40) 2,4,5-Trichlorophenol	12.89	196	5590	3.561	ng/ul	86
41) 1,1'-Biphenyl	13.22	154	23984	4.391	ng/ul	99
42) 2-Chloronaphthalene	13.26	162	17866	4.161	ng/ul	95
43) 2-Nitroaniline	13.47	65	4587	3.734	ng/ul	92
45) Dimethylphthalate	13.85	163	23487	4.281	ng/ul	98
46) 2,6-Dinitrotoluene	13.97	165	4137	3.771	ng/ul	95
48) Acenaphthylene	14.11	152	27117	4.334	ng/ul	97
49) 3-Nitroaniline	14.30	138	3908	3.901	ng/ul#	96
50) Acenaphthene	14.46	153	19314	4.251	ng/ul	95
51) 2,4-Dinitrophenol	14.52	184	1890	2.679	ng/ul#	89
53) 4-Nitrophenol	14.62	109	4958	4.783	ng/ul	87
54) Dibenzofuran	14.79	168	29302	4.457	ng/ul	100
55) 2,4-Dinitrotoluene	14.76	165	6107	3.778	ng/ul#	95
56) 2,3,4,6-Tetrachlorophenol	15.02	232	5588	4.031	ng/ul#	97
57) Diethylphthalate	15.22	149	23396	4.217	ng/ul	97
59) Fluorene	15.45	166	23463	4.279	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.45	204	11818	4.092	ng/ul	92
61) 4-Nitroaniline	15.47	138	4125	3.604	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.52	198	4547	4.098	ng/ul#	68
65) N-Nitrosodiphenylamine	15.66	169	19944	4.046	ng/ul	93
66) 4-Bromophenyl-phenylether	16.34	248	7271	4.094	ng/ul	95
67) Hexachlorobenzene	16.45	284	8363	4.102	ng/ul	97
68) Atrazine	16.62	200	6415	3.320	ng/ul#	95
69) Pentachlorophenol	16.80	266	3771	3.018	ng/ul	95
70) Phenanthrene	17.19	178	39499	4.329	ng/ul	98
72) Anthracene	17.29	178	38258	4.107	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.18	216	10564	4.227	ng/uL	99
74) Pentachlorobenzene	14.71	250	9798	4.025	ng/uL	95
75) Carbazole	17.56	167	30664	3.743	ng/ul	98
76) Di-n-butylphthalate	18.12	149	34550	3.568	ng/ul	99
77) Fluoranthene	19.17	202	44211	4.039	ng/ul	97
80) Pyrene	19.52	202	48398	4.090	ng/ul	98
81) Butylbenzylphthalate	20.40	149	14985	3.245	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.16	252	15278	3.829	ng/ul	96
83) Benzo(a)anthracene	21.22	228	48568	4.103	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.16	149	22802	3.305	ng/ul#	96
85) Chrysene	21.27	228	48823	4.233	ng/ul	97
87) Di-n-octyl phthalate	22.04	149	40903	3.174	ng/ul	100
88) Benzo(b)fluoranthene	22.84	252	51407m	4.224	ng/ul	
89) Benzo(k)fluoranthene	22.89	252	48818	4.056	ng/ul	99
91) Benzo(a)pyrene	23.43	252	44573	4.171	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.89	276	55791	4.080	ng/ul#	93
93) Dibenzo(a,h)anthracene	25.90	278	47021	4.042	ng/ul	96
94) Benzo(g,h,i)perylene	26.61	276	46486	4.083	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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