Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030321\
Data File : BP004904.D
Acq On : 03 Mar 2021 21:06
Operator : CG/JU
Sample : M1534-17
Misc : SOM-MDL-MES-03
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MDL-ME-SOIL-03

Manual Integrations APPROVED
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3/4/2021 11:33:47 AM

Quant Time: Mar 04 03:25:49 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	28027	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	109800	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.39	164	71390	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.15	188	156064	20.00	ng/ul	-0.01
78) Chrysene-d12	21.24	240	172502	20.00	ng/ul	-0.01
86) Perylene-d12	23.54	264	173707	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	3950	5.54	ng/uL	0.00
5) Phenol-d5	6.92	99	86438	37.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	49588	41.89	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.28	132	70002	39.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	68322	37.57	ng/ul	-0.01
19) Nitrobenzene-d5	8.90	128	33761	42.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	37806	42.10	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.16	165	67904	39.98	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.68	131	89565	46.14	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	214062	40.99	ng/ul	-0.01
47) Acenaphthylene-d8	14.08	160	256448	40.11	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.60	143	34869	37.32	ng/ul	-0.01
58) Fluorene-d10	15.39	176	185550	41.79	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.51	200	36408	35.78	ng/ul	-0.01
71) Anthracene-d10	17.25	188	290278	41.01	ng/ul	0.00
79) Pyrene-d10	19.49	212	334249	41.06	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	379311	42.61	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	970	1.251	ng/uL	96
4) Benzaldehyde	6.89	77	6567	5.630	ng/ul	86
6) Phenol	6.94	94	9441	3.935	ng/ul#	87
8) Bis(2-Chloroethyl)ether	7.17	93	7745	4.386	ng/ul	92
10) 2-Chlorophenol	7.30	128	7563	4.101	ng/ul	96
11) 2-Methylphenol	8.19	108	6392	3.572	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.27	45	4451	3.899	ng/ul#	87
14) Acetophenone	8.56	105	12071	4.015	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.55	70	5767	3.965	ng/ul#	86
16) 4-Methylphenol	8.52	108	7601	3.948	ng/ul	93
17) Hexachloroethane	8.81	117	3271	4.029	ng/ul	91
20) Nitrobenzene	8.94	77	9690	4.468	ng/ul#	85
21) Isophorone	9.46	82	14809	3.991	ng/ul#	91
23) 2-Nitrophenol	9.65	139	4213	4.170	ng/ul	92
24) 2,4-Dimethylphenol	9.72	107	9002	4.013	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.95	93	9439	4.213	ng/ul#	97
27) 2,4-Dichlorophenol	10.18	162	6931	3.967	ng/ul#	82
28) Naphthalene	10.58	128	24656	4.243	ng/ul	96
30) 4-Chloroaniline	10.70	127	10020	5.008	ng/ul	95
31) Hexachlorobutadiene	10.87	225	4989	3.898	ng/ul	92
32) Caprolactam	11.51	113	1942m	3.421	ng/ul	
33) 4-Chloro-3-methylphenol	11.83	107	7159	3.598	ng/ul	95
34) 2-Methylnaphthalene	12.20	142	16193	3.917	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.42	142	16142	4.018	ng/ul#	99
37) 1,2,4,5-Tetrachlorobenzene	12.57	216	9084	3.969	ng/ul#	95
38) Hexachlorocyclopentadiene	12.55	237	4917	3.372	ng/ul	96
39) 2,4,6-Trichlorophenol	12.82	196	5396	3.764	ng/ul	96
40) 2,4,5-Trichlorophenol	12.89	196	5823	3.791	ng/ul	94
41) 1,1'-Biphenyl	13.22	154	21248	3.975	ng/ul	99
42) 2-Chloronaphthalene	13.26	162	16677	3.970	ng/ul	95
43) 2-Nitroaniline	13.47	65	4246	3.532	ng/ul#	88
45) Dimethylphthalate	13.85	163	21884	4.076	ng/ul	96
46) 2,6-Dinitrotoluene	13.97	165	3668	3.417	ng/ul#	84
48) Acenaphthylene	14.11	152	24791	4.050	ng/ul	97
49) 3-Nitroaniline	14.30	138	3623	3.696	ng/ul#	84
50) Acenaphthene	14.46	153	18611	4.187	ng/ul	93
51) 2,4-Dinitrophenol	14.51	184	1853	2.684	ng/ul#	84
53) 4-Nitrophenol	14.62	109	4039	3.982	ng/ul#	83
54) Dibenzofuran	14.79	168	27026	4.201	ng/ul	94
55) 2,4-Dinitrotoluene	14.76	165	5682	3.592	ng/ul#	94
56) 2,3,4,6-Tetrachlorophenol	15.02	232	5172	3.812	ng/ul#	92
57) Diethylphthalate	15.22	149	21154	3.896	ng/ul	97
59) Fluorene	15.45	166	21960	4.093	ng/ul#	97
60) 4-Chlorophenyl-phenylether	15.44	204	11528	4.079	ng/ul	91
61) 4-Nitroaniline	15.47	138	3641m	3.251	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.52	198	4179	4.052	ng/ul#	48
65) N-Nitrosodiphenylamine	15.66	169	17966	3.921	ng/ul	98
66) 4-Bromophenyl-phenylether	16.34	248	6536	3.959	ng/ul	98
67) Hexachlorobenzene	16.45	284	7702	4.064	ng/ul#	91
68) Atrazine	16.62	200	6290	3.502	ng/ul	96
69) Pentachlorophenol	16.80	266	3269	2.815	ng/ul	87
70) Phenanthrene	17.19	178	34371	4.052	ng/ul	97
72) Anthracene	17.28	178	34769	4.015	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.18	216	9610	4.136	ng/uL	94
74) Pentachlorobenzene	14.71	250	9500	4.198	ng/uL	90
75) Carbazole	17.56	167	28089	3.689	ng/ul	96
76) Di-n-butylphthalate	18.12	149	31884	3.542	ng/ul	98
77) Fluoranthene	19.17	202	40028	3.934	ng/ul	97
80) Pyrene	19.52	202	44388	4.166	ng/ul	98
81) Butylbenzylphthalate	20.40	149	13708	3.297	ng/ul	91
82) 3,3'-Dichlorobenzidine	21.16	252	13437	3.740	ng/ul	96
83) Benzo(a)anthracene	21.22	228	42721	4.008	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	21199	3.412	ng/ul#	93
85) Chrysene	21.27	228	43299	4.169	ng/ul	95
87) Di-n-octyl phthalate	22.04	149	35330	3.021	ng/ul	100
88) Benzo(b)fluoranthene	22.84	252	46118	4.176	ng/ul	96
89) Benzo(k)fluoranthene	22.89	252	42193	3.863	ng/ul	96
91) Benzo(a)pyrene	23.44	252	39247	4.047	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.88	276	48927	3.942	ng/ul	91
93) Dibenzo(a,h)anthracene	25.90	278	42432	4.019	ng/ul	96
94) Benzo(g,h,i)perylene	26.60	276	41277	3.995	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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