Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030521\
Data File : BP004922.D
Acq On : 05 Mar 2021 18:25
Operator : CG/JU
Sample : M1534-12
Misc : SOM-MDL-S-05
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MDL-SOIL-05

Manual Integrations APPROVED
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3/8/2021 9:36:47 AM

Quant Time: Mar 05 22:56:09 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	28667	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	116334	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	78654	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.15	188	176425	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	197314	20.00	ng/ul	0.00
86) Perylene-d12	23.53	264	198934	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	3780	5.35	ng/uL	0.00
5) Phenol-d5	6.91	99	81470	37.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	47416	42.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	66611	38.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	65417	36.94	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	32172	38.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	37434	39.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	66373	35.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	86540	42.22	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	221842	39.21	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	262662	37.72	ng/ul	0.00
52) 4-Nitrophenol-d4	14.60	143	35674	35.91	ng/ul	0.00
58) Fluorene-d10	15.39	176	194804	38.63	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.51	200	37622	32.57	ng/ul	0.00
71) Anthracene-d10	17.25	188	299786	37.84	ng/ul	0.00
79) Pyrene-d10	19.49	212	354283	39.83	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	401039	39.67	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	1127	1.632	ng/uL#	82
4) Benzaldehyde	6.89	77	6460	5.890	ng/ul	96
6) Phenol	6.94	94	8826	3.846	ng/ul#	88
8) Bis(2-Chloroethyl)ether	7.16	93	7206	4.250	ng/ul	95
10) 2-Chlorophenol	7.30	128	7280	3.995	ng/ul	92
11) 2-Methylphenol	8.18	108	6271	3.578	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.26	45	7067m	4.110	ng/ul	
14) Acetophenone	8.56	105	11418	3.906	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.55	70	5362	3.914	ng/ul#	91
16) 4-Methylphenol	8.52	108	7125	3.792	ng/ul	100
17) Hexachloroethane	8.81	117	2953	3.693	ng/ul	96
20) Nitrobenzene	8.93	77	9062	4.170	ng/ul	94
21) Isophorone	9.46	82	14634	3.946	ng/ul	99
23) 2-Nitrophenol	9.65	139	3775m	3.670	ng/ul	
24) 2,4-Dimethylphenol	9.71	107	8495m	3.679	ng/ul	
25) Bis(2-Chloroethoxy)methane	9.95	93	8719	3.808	ng/ul#	94
27) 2,4-Dichlorophenol	10.18	162	6787	3.683	ng/ul	89
28) Naphthalene	10.58	128	23753	3.910	ng/ul	97
30) 4-Chloroaniline	10.69	127	9448	4.534	ng/ul	94
31) Hexachlorobutadiene	10.86	225	5448	3.722	ng/ul#	90
32) Caprolactam	11.50	113	1782m	3.087	ng/ul	
33) 4-Chloro-3-methylphenol	11.83	107	7665	3.728	ng/ul	89
34) 2-Methylnaphthalene	12.20	142	17012	3.920	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.42	142	15792	3.757 ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.57	216	9159	3.351 ng/ul#	84
38) Hexachlorocyclopentadiene	12.55	237	5146	2.960 ng/ul	98
39) 2,4,6-Trichlorophenol	12.82	196	5251	3.260 ng/ul	90
40) 2,4,5-Trichlorophenol	12.89	196	5645	3.213 ng/ul	93
41) 1,1'-Biphenyl	13.22	154	21565	3.734 ng/ul	98
42) 2-Chloronaphthalene	13.26	162	16660	3.608 ng/ul	94
43) 2-Nitroaniline	13.47	65	4352	3.539 ng/ul#	86
45) Dimethylphthalate	13.85	163	22190	3.780 ng/ul	97
46) 2,6-Dinitrotoluene	13.97	165	3907m	3.309 ng/ul	
48) Acenaphthylene	14.11	152	24665	3.718 ng/ul	96
49) 3-Nitroaniline	14.30	138	3889	3.777 ng/ul#	81
50) Acenaphthene	14.45	153	18037	3.729 ng/ul	90
51) 2,4-Dinitrophenol	14.50	184	2016m	2.530 ng/ul	
53) 4-Nitrophenol	14.61	109	4068m	3.901 ng/ul	
54) Dibenzofuran	14.79	168	26943	3.798 ng/ul	91
55) 2,4-Dinitrotoluene	14.76	165	5851	3.415 ng/ul#	91
56) 2,3,4,6-Tetrachlorophenol	15.02	232	5306	3.232 ng/ul#	95
57) Diethylphthalate	15.22	149	22806	3.931 ng/ul	95
59) Fluorene	15.44	166	22134	3.730 ng/ul#	98
60) 4-Chlorophenyl-phenylether	15.44	204	12455	3.778 ng/ul	98
61) 4-Nitroaniline	15.47	138	3838	3.232 ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.52	198	4080	3.499 ng/ul#	90
65) N-Nitrosodiphenylamine	15.66	169	18728	3.749 ng/ul	97
66) 4-Bromophenyl-phenylether	16.34	248	7477	3.706 ng/ul	96
67) Hexachlorobenzene	16.45	284	8478	3.667 ng/ul#	84
68) Atrazine	16.62	200	6283	3.097 ng/ul	91
69) Pentachlorophenol	16.80	266	4069	2.844 ng/ul#	88
70) Phenanthrene	17.19	178	36213	3.857 ng/ul	98
72) Anthracene	17.28	178	36902	3.859 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.18	216	10429	3.868 ng/uL	96
74) Pentachlorobenzene	14.71	250	9603	3.525 ng/uL	99
75) Carbazole	17.56	167	29574	3.565 ng/ul	94
76) Di-n-butylphthalate	18.12	149	32274	3.412 ng/ul	98
77) Fluoranthene	19.16	202	41464	3.587 ng/ul	99
80) Pyrene	19.52	202	46128	4.032 ng/ul	97
81) Butylbenzylphthalate	20.40	149	14443	3.584 ng/ul	94
82) 3,3'-Dichlorobenzidine	21.16	252	14004	3.411 ng/ul	92
83) Benzo(a)anthracene	21.22	228	43891	3.692 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.16	149	20734	3.440 ng/ul	97
85) Chrysene	21.27	228	46399	4.011 ng/ul	98
87) Di-n-octyl phthalate	22.05	149	36771	3.293 ng/ul	100
88) Benzo(b)fluoranthene	22.84	252	47850	3.887 ng/ul	97
89) Benzo(k)fluoranthene	22.88	252	44440	3.644 ng/ul	96
91) Benzo(a)pyrene	23.44	252	42196	3.875 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.89	276	52924	3.756 ng/ul	94
93) Dibenzo(a,h)anthracene	25.90	278	43593	3.621 ng/ul	99
94) Benzo(g,h,i)perylene	26.61	276	42753	3.638 ng/ul	95

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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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