Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031921\
Data File : BP005007.D
Acq On : 19 Mar 2021 12:25
Operator : CG/JU
Sample : M1344-06
Misc : SFAM-MDL-MES-02
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

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Quant Time: Mar 19 12:55:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP031721.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 19 09:59:18 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	42168	20.00	ng/ul	0.00
20) Naphthalene-d8	10.52	136	171125	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.37	164	115674	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.13	188	255376	20.00	ng/ul	0.00
79) Chrysene-d12	21.23	240	285031	20.00	ng/ul	0.00
88) Perylene-d12	23.52	264	272195	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	4046	3.79	ng/uL	0.00
4) Pyridine-d5	3.63	84	65166	25.03	ng/ul	0.00
7) Phenol-d5	6.90	99	109262	31.91	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.06	67	59296	32.84	ng/ul	0.00
11) 2-Chlorophenol-d4	7.26	132	94082	34.17	ng/ul	0.00
15) 4-Methylphenol-d8	8.43	113	87776	32.32	ng/ul	0.00
21) Nitrobenzene-d5	8.88	128	46745	35.73	ng/ul	0.00
24) 2-Nitrophenol-d4	9.60	143	54256	36.68	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.14	165	96366	33.87	ng/ul	0.00
31) 4-Chloroaniline-d4	10.66	131	124914	32.29	ng/ul	0.00
46) Dimethylphthalate-d6	13.79	166	311020	35.20	ng/ul	0.00
49) Acenaphthylene-d8	14.07	160	376972	36.54	ng/ul	0.00
54) 4-Nitrophenol-d4	14.59	143	49840	32.07	ng/ul	0.00
60) Fluorene-d10	15.37	176	272946	35.70	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.50	200	57641m	32.33	ng/ul	0.00
73) Anthracene-d10	17.23	188	428924m	35.70	ng/ul	0.00
81) Pyrene-d10	19.48	212	494686	34.93	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.37	264	566177	38.67	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	1180	1.067	ng/uL	97
5) Pyridine	3.66	79	9996	3.721	ng/ul#	63
6) Benzaldehyde	6.87	77	9917	5.571	ng/ul	93
8) Phenol	6.93	94	15254	4.270	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.16	93	11659	4.294	ng/ul	95
12) 2-Chlorophenol	7.29	128	12871	4.470	ng/ul	90
13) 2-Methylphenol	8.17	108	11729	4.312	ng/ul	95
14) 2,2'-oxybis(1-Chloropropan	8.26	45	11329	4.199	ng/ul#	90
16) Acetophenone	8.55	105	19888	4.457	ng/ul	96
17) N-Nitroso-di-n-propylamine	8.53	70	9287	4.483	ng/ul	96
18) 4-Methylphenol	8.50	108	12647	4.366	ng/ul	95
19) Hexachloroethane	8.79	117	5422	4.355	ng/ul	86
22) Nitrobenzene	8.92	77	14487	4.340	ng/ul#	94
23) Isophorone	9.45	82	24595	4.162	ng/ul	97
25) 2-Nitrophenol	9.63	139	7400m	4.591	ng/ul	
26) 2,4-Dimethylphenol	9.69	107	14755	4.369	ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.93	93	15404	4.381	ng/ul	99
29) 2,4-Dichlorophenol	10.16	162	13757	4.915	ng/ul	92
30) Naphthalene	10.56	128	43532	4.617	ng/ul	97
32) 4-Chloroaniline	10.68	127	17261	4.411	ng/ul	100
33) Hexachlorobutadiene	10.85	225	10450	4.938	ng/ul	95
34) Caprolactam	11.49	113	4184m	4.526	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.81	107	13538	4.553	ng/ul	96
36) 2-Methylnaphthalene	12.19	142	31972	4.826	ng/ul	94
37) 1-Methylnaphthalene	12.40	142	30685	4.597	ng/ul#	95
39) 1,2,4,5-Tetrachlorobenzene	12.56	216	19953	4.799	ng/ul#	96
40) Hexachlorocyclopentadiene	12.53	237	9513	3.604	ng/ul#	95
41) 2,4,6-Trichlorophenol	12.80	196	10702	4.151	ng/ul	90
42) 2,4,5-Trichlorophenol	12.87	196	11814	4.251	ng/ul	97
43) 1,1'-Biphenyl	13.20	154	41572	4.515	ng/ul	98
44) 2-Chloronaphthalene	13.25	162	32708	4.516	ng/ul	98
45) 2-Nitroaniline	13.46	65	7048	3.666	ng/ul#	85
47) Dimethylphthalate	13.83	163	41828	4.601	ng/ul	99
48) 2,6-Dinitrotoluene	13.96	165	7897	4.288	ng/ul#	86
50) Acenaphthylene	14.10	152	48022	4.537	ng/ul	95
51) 3-Nitroaniline	14.29	138	7270	4.250	ng/ul	81
52) Acenaphthene	14.44	153	34838	4.590	ng/ul	93
53) 2,4-Dinitrophenol	14.50	184	3940	3.264	ng/ul#	84
55) 4-Nitrophenol	14.60	109	6345	4.335	ng/ul	89
56) Dibenzofuran	14.77	168	49997	4.573	ng/ul	99
57) 2,4-Dinitrotoluene	14.75	165	11674	4.485	ng/ul#	89
58) 2,3,4,6-Tetrachlorophenol	15.00	232	11354	4.578	ng/ul#	98
59) Diethylphthalate	15.21	149	40846	4.582	ng/ul	98
61) Fluorene	15.43	166	41896	4.636	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.43	204	23451	4.785	ng/ul	97
63) 4-Nitroaniline	15.46	138	7408m	4.408	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.51	198	8552	4.768	ng/ul#	90
67) N-Nitrosodiphenylamine	15.64	169	35218	4.593	ng/ul	98
68) 4-Bromophenyl-phenylether	16.33	248	14485	4.833	ng/ul	87
69) Hexachlorobenzene	16.43	284	16897	5.024	ng/ul	98
70) Atrazine	16.60	200	13070	4.197	ng/ul	96
71) Pentachlorophenol	16.78	266	9027	4.085	ng/ul	95
72) Phenanthrene	17.17	178	68917	4.752	ng/ul	98
74) Anthracene	17.27	178	67584	4.613	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.16	216	19179	4.470	ng/uL	92
76) Pentachlorobenzene	14.69	250	19165	4.454	ng/uL	92
77) Carbazole	17.55	167	55639	4.326	ng/ul	96
78) Di-n-butylphthalate	18.10	149	61657	4.207	ng/ul	100
80) Fluoranthene	19.15	202	78814	4.432	ng/ul	99
82) Pyrene	19.51	202	85137	4.630	ng/ul	97
83) Butylbenzylphthalate	20.39	149	26628	4.025	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.15	252	22582	3.448	ng/ul	95
85) Benzo(a)anthracene	21.21	228	84805	4.609	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.15	149	42312m	4.192	ng/ul	
87) Chrysene	21.26	228	85183	4.719	ng/ul	99
89) Di-n-octyl phthalate	22.03	149	69353	3.972	ng/ul	100
90) Benzo(b)fluoranthene	22.82	252	89165	4.885	ng/ul	99
91) Benzo(k)fluoranthene	22.87	252	85478	4.722	ng/ul	98
93) Benzo(a)pyrene	23.42	252	75970	4.735	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.86	276	97443	4.806	ng/ul	98
95) Dibenzo(a,h)anthracene	25.87	278	80878	4.770	ng/ul	97
96) Benzo(g,h,i)perylene	26.57	276	83998	4.931	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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