Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030321\
Data File : BP004898.D
Acq On : 03 Mar 2021 17:42
Operator : CG/JU
Sample : M1534-10
Misc : SOM-MDL-S-03
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MDL-SOIL-03

Manual Integrations APPROVED
mohammad
3/4/2021 11:33:39 AM

Quant Time: Mar 04 02:29:20 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	26654	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	105049	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	67601	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.15	188	151259	20.00	ng/ul	-0.01
78) Chrysene-d12	21.24	240	166290	20.00	ng/ul	-0.01
86) Perylene-d12	23.54	264	167703	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	3166	4.67	ng/uL	0.00
5) Phenol-d5	6.92	99	71034	32.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	41029	36.45	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.28	132	58363	34.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	57362	33.17	ng/ul	-0.01
19) Nitrobenzene-d5	8.90	128	28341	37.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	30891	35.95	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.16	165	54120	33.31	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.67	131	73956	39.82	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	180357	36.47	ng/ul	-0.01
47) Acenaphthylene-d8	14.08	160	215740	35.63	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.60	143	28006	31.65	ng/ul	-0.01
58) Fluorene-d10	15.39	176	157945	37.56	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.51	200	31344	31.78	ng/ul	-0.01
71) Anthracene-d10	17.25	188	245906	35.85	ng/ul	0.00
79) Pyrene-d10	19.49	212	282070	35.94	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	322552	37.53	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	715	0.970	ng/uL#	80
4) Benzaldehyde	6.89	77	5643	5.087	ng/ul	99
6) Phenol	6.95	94	7805	3.421	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.17	93	6087	3.625	ng/ul	97
10) 2-Chlorophenol	7.30	128	6335	3.612	ng/ul	94
11) 2-Methylphenol	8.19	108	5392	3.168	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.26	45	3523m	3.245	ng/ul	
14) Acetophenone	8.56	105	10071	3.522	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.55	70	4791	3.464	ng/ul#	95
16) 4-Methylphenol	8.52	108	6163	3.366	ng/ul	95
17) Hexachloroethane	8.82	117	2853	3.695	ng/ul	96
20) Nitrobenzene	8.94	77	7470	3.600	ng/ul#	93
21) Isophorone	9.47	82	11634	3.278	ng/ul#	95
23) 2-Nitrophenol	9.65	139	3241	3.353	ng/ul	98
24) 2,4-Dimethylphenol	9.72	107	7641	3.560	ng/ul	91
25) Bis(2-Chloroethoxy)methane	9.95	93	7444	3.473	ng/ul	92
27) 2,4-Dichlorophenol	10.18	162	5828	3.486	ng/ul	96
28) Naphthalene	10.58	128	19795	3.561	ng/ul	98
30) 4-Chloroaniline	10.70	127	7418	3.875	ng/ul	93
31) Hexachlorobutadiene	10.87	225	4648	3.796	ng/ul	92
32) Caprolactam	11.51	113	1519m	2.797	ng/ul	
33) 4-Chloro-3-methylphenol	11.83	107	5818	3.056	ng/ul#	84
34) 2-Methylnaphthalene	12.20	142	13300	3.363	ng/ul	94

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35) 1-Methylnaphthalene	12.42	142	12837	3.340	ng/ul#	98
37) 1,2,4,5-Tetrachlorobenzene	12.57	216	7967	3.676	ng/ul#	95
38) Hexachlorocyclopentadiene	12.55	237	4216	3.053	ng/ul	93
39) 2,4,6-Trichlorophenol	12.82	196	4107	3.026	ng/ul	93
40) 2,4,5-Trichlorophenol	12.89	196	4275	2.939	ng/ul	86
41) 1,1'-Biphenyl	13.22	154	17303	3.419	ng/ul#	93
42) 2-Chloronaphthalene	13.26	162	14308	3.597	ng/ul	97
43) 2-Nitroaniline	13.47	65	3470	3.048	ng/ul	97
45) Dimethylphthalate	13.85	163	19149	3.767	ng/ul	99
46) 2,6-Dinitrotoluene	13.97	165	3348	3.293	ng/ul	92
48) Acenaphthylene	14.11	152	20356	3.512	ng/ul	96
49) 3-Nitroaniline	14.30	138	3324	3.581	ng/ul#	74
50) Acenaphthene	14.46	153	15219	3.615	ng/ul	95
51) 2,4-Dinitrophenol	14.52	184	1316	2.013	ng/ul	94
53) 4-Nitrophenol	14.62	109	3363	3.501	ng/ul	92
54) Dibenzofuran	14.79	168	22829	3.747	ng/ul	99
55) 2,4-Dinitrotoluene	14.76	165	4481	2.992	ng/ul#	90
56) 2,3,4,6-Tetrachlorophenol	15.02	232	4210	3.277	ng/ul	94
57) Diethylphthalate	15.22	149	18261	3.552	ng/ul#	93
59) Fluorene	15.45	166	17822	3.508	ng/ul	91
60) 4-Chlorophenyl-phenylether	15.45	204	9860	3.684	ng/ul	96
61) 4-Nitroaniline	15.47	138	3257	3.071	ng/ul	89
64) 4,6-Dinitro-2-methylphenol	15.53	198	3425	3.426	ng/ul#	87
65) N-Nitrosodiphenylamine	15.66	169	15656	3.525	ng/ul	97
66) 4-Bromophenyl-phenylether	16.34	248	5747	3.592	ng/ul	93
67) Hexachlorobenzene	16.45	284	6820	3.713	ng/ul	89
68) Atrazine	16.62	200	5097	2.928	ng/ul	95
69) Pentachlorophenol	16.80	266	2977	2.645	ng/ul	98
70) Phenanthrene	17.19	178	29631	3.604	ng/ul	99
72) Anthracene	17.28	178	29656	3.534	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.19	216	7931	3.522	ng/uL	94
74) Pentachlorobenzene	14.71	250	7582	3.457	ng/uL	98
75) Carbazole	17.56	167	24412	3.308	ng/ul#	92
76) Di-n-butylphthalate	18.12	149	27973	3.206	ng/ul	99
77) Fluoranthene	19.17	202	33371	3.384	ng/ul	97
80) Pyrene	19.52	202	37639	3.664	ng/ul	99
81) Butylbenzylphthalate	20.40	149	12020	2.999	ng/ul	91
82) 3,3'-Dichlorobenzidine	21.16	252	11717	3.383	ng/ul	98
83) Benzo(a)anthracene	21.22	228	36500	3.552	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.15	149	17136	2.861	ng/ul#	99
85) Chrysene	21.27	228	36322	3.628	ng/ul	97
87) Di-n-octyl phthalate	22.04	149	29699	2.631	ng/ul	100
88) Benzo(b)fluoranthene	22.84	252	38830	3.642	ng/ul	99
89) Benzo(k)fluoranthene	22.89	252	35606	3.377	ng/ul	99
91) Benzo(a)pyrene	23.43	252	34197	3.653	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.88	276	41499m	3.463	ng/ul	
93) Dibenzo(a,h)anthracene	25.90	278	35784	3.511	ng/ul	96
94) Benzo(g,h,i)perylene	26.60	276	34379	3.446	ng/ul	97

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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