Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030321\
Data File : BP004893.D
Acq On : 03 Mar 2021 14:53
Operator : CG/JU
Sample : M1534-08
Misc : SOM-MDL-S-1
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MDL-SOIL-01

Manual Integrations APPROVED
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3/4/2021 11:33:28 AM

Quant Time: Mar 03 15:30:30 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	23227	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	95986	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	65357	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.15	188	145322	20.00	ng/ul	-0.01
78) Chrysene-d12	21.24	240	165094	20.00	ng/ul	-0.01
86) Perylene-d12	23.54	264	165082	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	3152	5.34	ng/uL	0.00
5) Phenol-d5	6.92	99	66002	34.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	39881	40.66	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.28	132	55207	37.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	54805	36.36	ng/ul	-0.01
19) Nitrobenzene-d5	8.90	128	26287	37.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	29512	37.59	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.16	165	52092	35.09	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.68	131	73423	43.27	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	184884	38.67	ng/ul	-0.01
47) Acenaphthylene-d8	14.09	160	215857	36.87	ng/ul	0.00
52) 4-Nitrophenol-d4	14.60	143	28952	33.85	ng/ul	-0.01
58) Fluorene-d10	15.39	176	158607	39.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.51	200	32579	34.38	ng/ul	-0.01
71) Anthracene-d10	17.25	188	249926	37.92	ng/ul	0.00
79) Pyrene-d10	19.49	212	284920	36.57	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	335210	39.62	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	872	1.357	ng/uL#	88
4) Benzaldehyde	6.89	77	5790	5.989	ng/ul	97
6) Phenol	6.94	94	8215	4.131	ng/ul#	84
8) Bis(2-Chloroethyl)ether	7.17	93	6804	4.649	ng/ul	99
10) 2-Chlorophenol	7.30	128	6835m	4.472	ng/ul	
11) 2-Methylphenol	8.19	108	6005m	4.049	ng/ul	
12) 2,2'-oxybis(1-Chloropropan	8.26	45	4159m	4.396	ng/ul	
14) Acetophenone	8.56	105	10737	4.309	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.55	70	5482	4.548	ng/ul#	94
16) 4-Methylphenol	8.51	108	6850	4.293	ng/ul	85
17) Hexachloroethane	8.82	117	2931	4.356	ng/ul#	86
20) Nitrobenzene	8.94	77	8776	4.629	ng/ul	99
21) Isophorone	9.47	82	14163	4.367	ng/ul#	97
23) 2-Nitrophenol	9.65	139	3782	4.282	ng/ul	92
24) 2,4-Dimethylphenol	9.72	107	8426	4.297	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.95	93	7999	4.084	ng/ul	99
27) 2,4-Dichlorophenol	10.18	162	6832	4.473	ng/ul	93
28) Naphthalene	10.58	128	22387	4.407	ng/ul	97
30) 4-Chloroaniline	10.70	127	8837m	5.052	ng/ul	
31) Hexachlorobutadiene	10.87	225	4966	4.438	ng/ul#	88
32) Caprolactam	11.51	113	1997m	4.024	ng/ul	
33) 4-Chloro-3-methylphenol	11.83	107	7005	4.027	ng/ul#	82
34) 2-Methylnaphthalene	12.20	142	15666	4.335	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.42	142	14852	4.229 ng/ul#	95
37) 1,2,4,5-Tetrachlorobenzene	12.57	216	9195	4.389 ng/ul	94
38) Hexachlorocyclopentadiene	12.55	237	4933	3.695 ng/ul	98
39) 2,4,6-Trichlorophenol	12.82	196	5113	3.896 ng/ul	86
40) 2,4,5-Trichlorophenol	12.90	196	5167	3.674 ng/ul	98
41) 1,1'-Biphenyl	13.22	154	20566	4.203 ng/ul	97
42) 2-Chloronaphthalene	13.26	162	15978	4.154 ng/ul	97
43) 2-Nitroaniline	13.48	65	3943	3.583 ng/ul	89
45) Dimethylphthalate	13.85	163	21953	4.467 ng/ul#	95
46) 2,6-Dinitrotoluene	13.97	165	3655	3.719 ng/ul	97
48) Acenaphthylene	14.12	152	24649	4.398 ng/ul	97
49) 3-Nitroaniline	14.31	138	3531	3.934 ng/ul	93
50) Acenaphthene	14.46	153	17546	4.311 ng/ul	96
51) 2,4-Dinitrophenol	14.51	184	1826	2.889 ng/ul#	86
53) 4-Nitrophenol	14.62	109	4128	4.445 ng/ul	84
54) Dibenzofuran	14.79	168	25843	4.388 ng/ul	100
55) 2,4-Dinitrotoluene	14.76	165	5500	3.798 ng/ul#	97
56) 2,3,4,6-Tetrachlorophenol	15.03	232	5223	4.205 ng/ul#	94
57) Diethylphthalate	15.22	149	21212	4.268 ng/ul	98
59) Fluorene	15.45	166	21004	4.276 ng/ul	95
60) 4-Chlorophenyl-phenylether	15.45	204	11544	4.462 ng/ul	95
61) 4-Nitroaniline	15.47	138	3811	3.717 ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.53	198	4150	4.321 ng/ul#	89
65) N-Nitrosodiphenylamine	15.66	169	18618	4.363 ng/ul	98
66) 4-Bromophenyl-phenylether	16.34	248	6736	4.382 ng/ul	97
67) Hexachlorobenzene	16.45	284	7843	4.445 ng/ul#	84
68) Atrazine	16.62	200	6562	3.923 ng/ul	95
69) Pentachlorophenol	16.80	266	3357	3.104 ng/ul	95
70) Phenanthrene	17.19	178	33747	4.273 ng/ul	98
72) Anthracene	17.28	178	36074	4.474 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.18	216	8682	4.013 ng/uL	97
74) Pentachlorobenzene	14.71	250	8735	4.145 ng/uL	97
75) Carbazole	17.56	167	27957	3.943 ng/ul	97
76) Di-n-butylphthalate	18.12	149	32462	3.872 ng/ul	99
77) Fluoranthene	19.17	202	39005	4.117 ng/ul	98
80) Pyrene	19.52	202	43906	4.305 ng/ul	97
81) Butylbenzylphthalate	20.40	149	14596	3.668 ng/ul	92
82) 3,3'-Dichlorobenzidine	21.16	252	13158	3.827 ng/ul#	94
83) Benzo(a)anthracene	21.22	228	42640	4.180 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	21446	3.607 ng/ul	100
85) Chrysene	21.27	228	42698	4.296 ng/ul	100
87) Di-n-octyl phthalate	22.05	149	36991	3.329 ng/ul	100
88) Benzo(b)fluoranthene	22.84	252	45154	4.302 ng/ul	95
89) Benzo(k)fluoranthene	22.89	252	43624	4.203 ng/ul	94
91) Benzo(a)pyrene	23.43	252	39810	4.320 ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.89	276	50412	4.274 ng/ul	95
93) Dibenzo(a,h)anthracene	25.90	278	43046	4.291 ng/ul	97
94) Benzo(g,h,i)perylene	26.60	276	41828	4.260 ng/ul	96

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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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