Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030521\
Data File : BP004921.D
Acq On : 05 Mar 2021 17:51
Operator : CG/JU
Sample : M1534-11
Misc : SOM-MDL-S-04
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MDL-SOIL-04

Manual Integrations APPROVED
mohammad
3/8/2021 9:36:40 AM

Quant Time: Mar 05 22:37:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP030521MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 05 13:02:07 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	35394	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	145456	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	99641	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.15	188	228815	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	261088	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	263461	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	4170	4.78	ng/uL	0.00
5) Phenol-d5	6.91	99	98723	36.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	55250	39.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	80339	37.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	78765	36.02	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	39139	37.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	44407	37.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	79231	33.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	101852	39.74	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	265159	36.99	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	319127	36.18	ng/ul	0.00
52) 4-Nitrophenol-d4	14.60	143	43046	34.20	ng/ul	0.00
58) Fluorene-d10	15.39	176	233927	36.62	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	46889	31.30	ng/ul	0.00
71) Anthracene-d10	17.25	188	370158	36.03	ng/ul	0.00
79) Pyrene-d10	19.49	212	439361	37.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	504073	37.65	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	1249	1.465	ng/uL#	94
4) Benzaldehyde	6.89	77	8153	6.020	ng/ul	90
6) Phenol	6.94	94	11489	4.054	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.16	93	8681	4.147	ng/ul	96
10) 2-Chlorophenol	7.30	128	9544	4.242	ng/ul	99
11) 2-Methylphenol	8.19	108	8165	3.773	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.28	45	9073	4.274	ng/ul	100
14) Acetophenone	8.56	105	15458	4.283	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.55	70	6913	4.087	ng/ul	96
16) 4-Methylphenol	8.51	108	9280	4.000	ng/ul	96
17) Hexachloroethane	8.81	117	3932	3.983	ng/ul	97
20) Nitrobenzene	8.93	77	11938	4.394	ng/ul	93
21) Isophorone	9.46	82	17829	3.845	ng/ul	99
23) 2-Nitrophenol	9.65	139	5014	3.899	ng/ul#	89
24) 2,4-Dimethylphenol	9.71	107	11678	4.045	ng/ul	88
25) Bis(2-Chloroethoxy)methane	9.95	93	11436m	3.995	ng/ul	
27) 2,4-Dichlorophenol	10.18	162	8458	3.671	ng/ul	93
28) Naphthalene	10.58	128	29746	3.916	ng/ul	98
30) 4-Chloroaniline	10.69	127	11875	4.558	ng/ul	91
31) Hexachlorobutadiene	10.87	225	7245	3.959	ng/ul	92
32) Caprolactam	11.50	113	2522m	3.495	ng/ul	
33) 4-Chloro-3-methylphenol	11.83	107	9532	3.708	ng/ul	95
34) 2-Methylnaphthalene	12.20	142	21167	3.901	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.42	142	20380	3.878 ng/ul	94
37) 1,2,4,5-Tetrachlorobenzene	12.56	216	13364	3.860 ng/ul#	96
38) Hexachlorocyclopentadiene	12.55	237	6556	2.977 ng/ul	96
39) 2,4,6-Trichlorophenol	12.82	196	7085	3.472 ng/ul	88
40) 2,4,5-Trichlorophenol	12.89	196	7520m	3.379 ng/ul	
41) 1,1'-Biphenyl	13.22	154	28320	3.871 ng/ul#	97
42) 2-Chloronaphthalene	13.26	162	21810	3.728 ng/ul#	90
43) 2-Nitroaniline	13.47	65	5456	3.503 ng/ul	93
45) Dimethylphthalate	13.85	163	28957	3.894 ng/ul#	96
46) 2,6-Dinitrotoluene	13.97	165	5123	3.425 ng/ul	96
48) Acenaphthylene	14.11	152	33158	3.946 ng/ul	96
49) 3-Nitroaniline	14.30	138	4830	3.703 ng/ul#	97
50) Acenaphthene	14.45	153	23954	3.909 ng/ul	97
51) 2,4-Dinitrophenol	14.51	184	2424	2.402 ng/ul	98
53) 4-Nitrophenol	14.62	109	5968	4.517 ng/ul#	76
54) Dibenzofuran	14.79	168	35361	3.934 ng/ul	98
55) 2,4-Dinitrotoluene	14.76	165	7656	3.528 ng/ul#	97
56) 2,3,4,6-Tetrachlorophenol	15.02	232	7108	3.418 ng/ul	99
57) Diethylphthalate	15.22	149	29161	3.968 ng/ul	96
59) Fluorene	15.44	166	28221	3.754 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.44	204	16012	3.834 ng/ul	93
61) 4-Nitroaniline	15.46	138	5150	3.423 ng/ul#	90
64) 4,6-Dinitro-2-methylphenol	15.52	198	5628	3.721 ng/ul#	80
65) N-Nitrosodiphenylamine	15.66	169	24182	3.732 ng/ul	98
66) 4-Bromophenyl-phenylether	16.34	248	9353	3.575 ng/ul	96
67) Hexachlorobenzene	16.45	284	11607	3.871 ng/ul	94
68) Atrazine	16.62	200	9266	3.521 ng/ul	98
69) Pentachlorophenol	16.80	266	5213	2.809 ng/ul	92
70) Phenanthrene	17.19	178	47195	3.876 ng/ul	98
72) Anthracene	17.28	178	48204	3.887 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.17	216	13240	3.786 ng/uL	97
74) Pentachlorobenzene	14.70	250	12730	3.603 ng/uL	98
75) Carbazole	17.56	167	39016	3.627 ng/ul	97
76) Di-n-butylphthalate	18.12	149	44664	3.641 ng/ul	98
77) Fluoranthene	19.16	202	55438	3.698 ng/ul	98
80) Pyrene	19.52	202	60797	4.016 ng/ul#	96
81) Butylbenzylphthalate	20.40	149	19298	3.619 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.16	252	19261	3.545 ng/ul#	96
83) Benzo(a)anthracene	21.22	228	62218	3.955 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.16	149	28890	3.623 ng/ul	96
85) Chrysene	21.27	228	60508	3.954 ng/ul	97
87) Di-n-octyl phthalate	22.05	149	49247	3.330 ng/ul	100
88) Benzo(b)fluoranthene	22.84	252	64554	3.960 ng/ul	97
89) Benzo(k)fluoranthene	22.89	252	60898	3.770 ng/ul	96
91) Benzo(a)pyrene	23.43	252	56763	3.936 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.89	276	69992	3.751 ng/ul	97
93) Dibenzo(a,h)anthracene	25.90	278	58043	3.640 ng/ul	99
94) Benzo(g,h,i)perylene	26.61	276	58046	3.729 ng/ul	94

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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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