Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031921\
Data File : BM029171.D
Acq On : 19 Mar 2021 15:27
Operator : CG/JU
Sample : M1344-03
Misc : SFAM-MDL-S-01
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2021-03

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Quant Time: Mar 19 16:00:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM031921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 19 12:41:26 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	82923	20.00	ng/ul	0.00
20) Naphthalene-d8	10.55	136	313547	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.39	164	189846	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.13	188	410363	20.00	ng/ul	0.00
79) Chrysene-d12	21.30	240	453242	20.00	ng/ul	0.00
88) Perylene-d12	23.53	264	492141	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	9015	4.27	ng/uL	0.00
4) Pyridine-d5	3.69	84	138928	25.19	ng/ul	0.00
7) Phenol-d5	6.93	99	207227	31.64	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.11	67	127751	33.75	ng/ul	0.00
11) 2-Chlorophenol-d4	7.30	132	170721	33.49	ng/ul	0.00
15) 4-Methylphenol-d8	8.47	113	157747	31.03	ng/ul	0.00
21) Nitrobenzene-d5	8.92	128	70552	35.38	ng/ul	0.00
24) 2-Nitrophenol-d4	9.64	143	68080	35.81	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.17	165	157790	31.67	ng/ul	0.00
31) 4-Chloroaniline-d4	10.69	131	210187	29.82	ng/ul	0.00
46) Dimethylphthalate-d6	13.81	166	472718	33.02	ng/ul	0.00
49) Acenaphthylene-d8	14.09	160	587655	34.72	ng/ul	0.00
54) 4-Nitrophenol-d4	14.57	143	68136	29.22	ng/ul	0.00
60) Fluorene-d10	15.39	176	414329	33.63	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.49	200	49933	25.81	ng/ul	0.00
73) Anthracene-d10	17.23	188	626528	31.97	ng/ul	0.00
81) Pyrene-d10	19.52	212	714356	33.77	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.40	264	881501	33.65	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	2142	1.011	ng/uL#	86
5) Pyridine	3.71	79	24597	4.342	ng/ul#	60
6) Benzaldehyde	6.92	77	18594	5.291	ng/ul	96
8) Phenol	6.96	94	30832	4.480	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.20	93	21897	4.306	ng/ul	92
12) 2-Chlorophenol	7.33	128	24401	4.487	ng/ul	98
13) 2-Methylphenol	8.20	108	21503	4.235	ng/ul	100
14) 2,2'-oxybis(1-Chloropropan	8.30	45	31591	4.739	ng/ul	98
16) Acetophenone	8.59	105	35221	4.240	ng/ul	97
17) N-Nitroso-di-n-propylamine	8.57	70	17638	4.464	ng/ul#	93
18) 4-Methylphenol	8.53	108	23359	4.333	ng/ul	99
19) Hexachloroethane	8.85	117	10368	4.452	ng/ul	89
22) Nitrobenzene	8.96	77	28486	4.899	ng/ul	99
23) Isophorone	9.49	82	44224	4.257	ng/ul	97
25) 2-Nitrophenol	9.67	139	10913	4.982	ng/ul	96
26) 2,4-Dimethylphenol	9.73	107	26748	4.493	ng/ul	96
27) Bis(2-Chloroethoxy)methane	9.97	93	28261	4.554	ng/ul	97
29) 2,4-Dichlorophenol	10.20	162	23170	4.595	ng/ul	92
30) Naphthalene	10.60	128	79217	4.664	ng/ul	99
32) 4-Chloroaniline	10.71	127	31699	4.422	ng/ul	99
33) Hexachlorobutadiene	10.89	225	16266	4.492	ng/ul	97
34) Caprolactam	11.49	113	4800m	3.745	ng/ul	

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35) 4-Chloro-3-methylphenol	11.82	107	20966	4.280	ng/ul	92
36) 2-Methylnaphthalene	12.22	142	55916	4.660	ng/ul	97
37) 1-Methylnaphthalene	12.43	142	53035	4.476	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.58	216	28711	4.377	ng/ul	97
40) Hexachlorocyclopentadiene	12.57	237	16577	3.847	ng/ul	98
41) 2,4,6-Trichlorophenol	12.82	196	14898	4.130	ng/ul	89
42) 2,4,5-Trichlorophenol	12.89	196	16788	4.371	ng/ul	98
43) 1,1'-Biphenyl	13.23	154	70444	4.558	ng/ul	99
44) 2-Chloronaphthalene	13.27	162	55034	4.511	ng/ul	98
45) 2-Nitroaniline	13.47	65	10896	4.163	ng/ul	99
47) Dimethylphthalate	13.85	163	68332	4.663	ng/ul#	99
48) 2,6-Dinitrotoluene	13.96	165	9362	4.105	ng/ul	96
50) Acenaphthylene	14.12	152	80670	4.608	ng/ul	99
51) 3-Nitroaniline	14.29	138	9109	3.612	ng/ul#	88
52) Acenaphthene	14.46	153	59966	4.613	ng/ul	98
53) 2,4-Dinitrophenol	14.49	184	3771	3.081	ng/ul#	86
55) 4-Nitrophenol	14.59	109	9530	4.296	ng/ul	97
56) Dibenzofuran	14.79	168	82803	4.584	ng/ul	98
57) 2,4-Dinitrotoluene	14.75	165	13832	4.250	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.02	232	12142	3.945	ng/ul	93
59) Diethylphthalate	15.22	149	63939	4.431	ng/ul	97
61) Fluorene	15.44	166	68134	4.508	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.44	204	33477	4.413	ng/ul	99
63) 4-Nitroaniline	15.44	138	9784	3.717	ng/ul	96
66) 4,6-Dinitro-2-methylphenol	15.51	198	8173	4.016	ng/ul#	98
67) N-Nitrosodiphenylamine	15.65	169	56171	4.285	ng/ul	94
68) 4-Bromophenyl-phenylether	16.33	248	19235	4.405	ng/ul	97
69) Hexachlorobenzene	16.44	284	21101	4.338	ng/ul	97
70) Atrazine	16.60	200	19071	3.798	ng/ul	98
71) Pentachlorophenol	16.78	266	9210	3.334	ng/ul	97
72) Phenanthrene	17.17	178	107940	4.455	ng/ul	97
74) Anthracene	17.26	178	111079	4.462	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.19	216	28805	4.347	ng/uL	96
76) Pentachlorobenzene	14.71	250	25535	3.947	ng/uL	94
77) Carbazole	17.53	167	94974	4.145	ng/ul	97
78) Di-n-butylphthalate	18.10	149	91612	3.871	ng/ul	100
80) Fluoranthene	19.18	202	121271	4.462	ng/ul	99
82) Pyrene	19.54	202	135937	4.772	ng/ul	99
83) Butylbenzylphthalate	20.45	149	36514	3.648	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.22	252	36083	3.844	ng/ul	99
85) Benzo(a)anthracene	21.28	228	131038	4.482	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.23	149	57798	3.514	ng/ul#	98
87) Chrysene	21.33	228	130683	4.571	ng/ul	98
89) Di-n-octyl phthalate	22.11	149	96927	3.087	ng/ul	100
90) Benzo(b)fluoranthene	22.86	252	138763	4.363	ng/ul	99
91) Benzo(k)fluoranthene	22.90	252	142438	4.482	ng/ul	99
93) Benzo(a)pyrene	23.44	252	129102	4.479	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.80	276	170082	4.389	ng/ul	100
95) Dibenzo(a,h)anthracene	25.81	278	142294	4.352	ng/ul	98
96) Benzo(g,h,i)perylene	26.49	276	140317	4.414	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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