Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031721\
Data File : BM029159.D
Acq On : 17 Mar 2021 16:43
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02011

Manual Integrations APPROVED
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3/18/2021 12:05:53 PM

Quant Time: Mar 17 17:24:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022721MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 17 15:12:40 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	6372	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	24938	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.24	164	14715	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.99	188	29922	20.00	ng/ul	0.00
78) Chrysene-d12	21.18	240	31828	20.00	ng/ul	0.00
86) Perylene-d12	23.30	264	34150	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.99	96	1132	8.00	ng/uL	0.07
5) Phenol-d5	6.78	99	8892	19.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	5115	19.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	8320	20.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	7282	19.66	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	3422	19.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	3946	19.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	7646	20.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	9618	22.77	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	21151	20.91	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	26759	19.72	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	2649	15.05	ng/ul	0.00
58) Fluorene-d10	15.24	176	17545	19.88	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	3180	17.82	ng/ul	0.00
71) Anthracene-d10	17.09	188	26654	19.60	ng/ul	0.00
79) Pyrene-d10	19.39	212	28906	18.48	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	34847	20.09	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.03	88	1059	7.425	ng/uL#	80
4) Benzaldehyde	6.73	77	5541	24.212	ng/ul	96
6) Phenol	6.81	94	9368	19.601	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.01	93	6980	18.845	ng/ul	91
10) 2-Chlorophenol	7.14	128	8283	19.684	ng/ul	94
11) 2-Methylphenol	8.05	108	6873	19.053	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.10	45	12914	22.551	ng/ul#	95
14) Acetophenone	8.40	105	12112	20.075	ng/ul#	84
15) N-Nitroso-di-n-propylamine	8.39	70	5326	19.950	ng/ul#	79
16) 4-Methylphenol	8.38	108	7559	19.697	ng/ul	99
17) Hexachloroethane	8.62	117	3810	21.179	ng/ul	91
20) Nitrobenzene	8.78	77	8854	21.023	ng/ul	95
21) Isophorone	9.30	82	14738	20.728	ng/ul	98
23) 2-Nitrophenol	9.49	139	4358	19.322	ng/ul#	94
24) 2,4-Dimethylphenol	9.56	107	8854	20.405	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.79	93	9050	19.456	ng/ul	98
27) 2,4-Dichlorophenol	10.03	162	7321	19.712	ng/ul	95
28) Naphthalene	10.40	128	25139	19.759	ng/ul	97
30) 4-Chloroaniline	10.54	127	9759	22.765	ng/ul	100
31) Hexachlorobutadiene	10.67	225	5230	21.594	ng/ul	92
32) Caprolactam	11.33	113	1768	17.794	ng/ul#	63
33) 4-Chloro-3-methylphenol	11.69	107	7584	20.261	ng/ul	98
34) 2-Methylnaphthalene	12.03	142	17432	20.047	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.25	142	16930	20.225 ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.40	216	8880	19.374 ng/ul	93
38) Hexachlorocyclopentadiene	12.36	237	2989	16.871 ng/ul	92
39) 2,4,6-Trichlorophenol	12.67	196	5625	19.420 ng/ul	98
40) 2,4,5-Trichlorophenol	12.76	196	5821	18.851 ng/ul	97
41) 1,1'-Biphenyl	13.06	154	21990	19.169 ng/ul	95
42) 2-Chloronaphthalene	13.10	162	17204	19.019 ng/ul	95
43) 2-Nitroaniline	13.35	65	4837	20.646 ng/ul	98
45) Dimethylphthalate	13.71	163	21850	20.708 ng/ul#	97
46) 2,6-Dinitrotoluene	13.85	165	4172	20.077 ng/ul	92
48) Acenaphthylene	13.96	152	25304	19.647 ng/ul	100
49) 3-Nitroaniline	14.19	138	4324	21.387 ng/ul	94
50) Acenaphthene	14.30	153	18492	19.837 ng/ul	98
51) 2,4-Dinitrophenol	14.42	184	2736	23.465 ng/ul#	81
53) 4-Nitrophenol	14.54	109	3904m	24.990 ng/ul	
54) Dibenzofuran	14.65	168	25757	19.956 ng/ul	96
55) 2,4-Dinitrotoluene	14.66	165	6281	20.818 ng/ul#	92
56) 2,3,4,6-Tetrachlorophenol	14.89	232	4587	19.194 ng/ul#	97
57) Diethylphthalate	15.09	149	22497	21.089 ng/ul	97
59) Fluorene	15.30	166	20996	19.839 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.30	204	10441	19.987 ng/ul	94
61) 4-Nitroaniline	15.36	138	3956	18.991 ng/ul#	82
64) 4,6-Dinitro-2-methylphenol	15.42	198	3133	17.305 ng/ul#	95
65) N-Nitrosodiphenylamine	15.52	169	17543	19.085 ng/ul	93
66) 4-Bromophenyl-phenylether	16.19	248	5870	19.275 ng/ul	98
67) Hexachlorobenzene	16.30	284	6519	19.060 ng/ul	93
68) Atrazine	16.48	200	6423	19.859 ng/ul	98
69) Pentachlorophenol	16.66	266	3502	19.068 ng/ul	95
70) Phenanthrene	17.03	178	31444	19.171 ng/ul	98
72) Anthracene	17.13	178	32835	19.426 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.03	216	8917	18.993 ng/uL	98
74) Pentachlorobenzene	14.56	250	8662	20.031 ng/uL	91
75) Carbazole	17.41	167	28955	19.394 ng/ul	97
76) Di-n-butylphthalate	17.96	149	36816	20.513 ng/ul#	99
77) Fluoranthene	19.06	202	36159	20.219 ng/ul	97
80) Pyrene	19.42	202	38011	18.231 ng/ul#	96
81) Butylbenzylphthalate	20.33	149	17143	18.962 ng/ul	94
82) 3,3'-Dichlorobenzidine	21.11	252	14282	22.250 ng/ul	96
83) Benzo(a)anthracene	21.17	228	38447	19.329 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.10	149	27496	20.359 ng/ul	98
85) Chrysene	21.22	228	37844	19.612 ng/ul	99
87) Di-n-octyl phthalate	21.94	149	49552	19.117 ng/ul	100
88) Benzo(b)fluoranthene	22.67	252	41876	18.871 ng/ul	98
89) Benzo(k)fluoranthene	22.72	252	39615	19.130 ng/ul	96
91) Benzo(a)pyrene	23.22	252	37540	19.477 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.41	276	48798	20.028 ng/ul	98
93) Dibenzo(a,h)anthracene	25.41	278	41308	19.863 ng/ul	98
94) Benzo(g,h,i)perylene	26.05	276	40162	19.734 ng/ul	95

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

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