Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031420\
Data File : BM025573.D
Acq On : 14 Mar 2020 15:54
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SICV07

Manual Integrations APPROVED
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3/16/2020 1:53:39 PM

Quant Time: Mar 16 04:31:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 16 04:27:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	161310	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	669966	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	430291	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	918865	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	964655	20.00	ng/ul	0.00
86) Perylene-d12	23.39	264	1136076	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	29863	7.77	ng/uL	0.00
5) Phenol-d5	6.82	99	247768	19.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	159492	21.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	208933	20.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	198798	19.00	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	101108	20.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	111427	21.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	216805	20.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	294464	23.42	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	666228	20.37	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	779748	19.90	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	119275	19.16	ng/ul	0.00
58) Fluorene-d10	15.27	176	557362	19.42	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	103577	18.48	ng/ul	0.00
71) Anthracene-d10	17.11	188	862160	20.09	ng/ul	0.00
79) Pyrene-d10	19.41	212	944835	20.39	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.25	264	1168253	20.09	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	31186	7.533	ng/uL	90
4) Benzaldehyde	6.79	77	167795	24.885	ng/ul	98
6) Phenol	6.85	94	255835	19.243	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.07	93	200806	19.073	ng/ul	98
10) 2-Chlorophenol	7.21	128	217581	20.004	ng/ul	98
11) 2-Methylphenol	8.08	108	191597	18.835	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.17	45	277294	19.740	ng/ul	98
14) Acetophenone	8.45	105	326935	20.262	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.45	70	165750	20.505	ng/ul	98
16) 4-Methylphenol	8.40	108	212179	19.106	ng/ul	96
17) Hexachloroethane	8.71	117	88293	19.526	ng/ul	94
20) Nitrobenzene	8.82	77	232931	19.201	ng/ul	99
21) Isophorone	9.35	82	433346	19.343	ng/ul	98
23) 2-Nitrophenol	9.53	139	120446	20.259	ng/ul	96
24) 2,4-Dimethylphenol	9.60	107	235946	19.571	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.83	93	276237	19.238	ng/ul	100
27) 2,4-Dichlorophenol	10.06	162	213006	19.832	ng/ul	98
28) Naphthalene	10.46	128	702863	19.263	ng/ul	99
30) 4-Chloroaniline	10.56	127	306864	24.059	ng/ul	99
31) Hexachlorobutadiene	10.76	225	134232	19.129	ng/ul	97
32) Caprolactam	11.33	113	65524m	18.448	ng/ul	
33) 4-Chloro-3-methylphenol	11.70	107	220556	19.753	ng/ul	97
34) 2-Methylnaphthalene	12.07	142	518612	19.900	ng/ul	99

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35) 1-Methylnaphthalene	12.29	142	486506	18.720	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.45	216	269982	19.838	ng/ul	99
38) Hexachlorocyclopentadiene	12.44	237	173159	18.644	ng/ul	100
39) 2,4,6-Trichlorophenol	12.69	196	169277	19.565	ng/ul	99
40) 2,4,5-Trichlorophenol	12.76	196	182291	19.356	ng/ul	97
41) 1,1'-Biphenyl	13.10	154	677292	19.699	ng/ul	100
42) 2-Chloronaphthalene	13.13	162	521890	19.273	ng/ul	98
43) 2-Nitroaniline	13.34	65	140340	20.737	ng/ul	96
45) Dimethylphthalate	13.73	163	651882	19.150	ng/ul	100
46) 2,6-Dinitrotoluene	13.85	165	140181	20.937	ng/ul	95
48) Acenaphthylene	13.99	152	839596	19.786	ng/ul	99
49) 3-Nitroaniline	14.17	138	144411	23.908	ng/ul	94
50) Acenaphthene	14.33	153	565251	19.595	ng/ul	99
51) 2,4-Dinitrophenol	14.38	184	69941	17.412	ng/ul	95
53) 4-Nitrophenol	14.49	109	89997	18.491	ng/ul	97
54) Dibenzofuran	14.67	168	807486	19.733	ng/ul	98
55) 2,4-Dinitrotoluene	14.63	165	191266	19.539	ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	14.90	232	171351	20.074	ng/ul	97
57) Diethylphthalate	15.11	149	657660	18.849	ng/ul	99
59) Fluorene	15.32	166	662419	19.244	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.32	204	328772	18.662	ng/ul	98
61) 4-Nitroaniline	15.34	138	168014	23.376	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.40	198	113849	18.570	ng/ul	100
65) N-Nitrosodiphenylamine	15.53	169	578781	20.384	ng/ul	99
66) 4-Bromophenyl-phenylether	16.22	248	217577	19.201	ng/ul	98
67) Hexachlorobenzene	16.33	284	265772	19.102	ng/ul	98
68) Atrazine	16.49	200	185176	17.292	ng/ul	98
69) Pentachlorophenol	16.67	266	148381	18.260	ng/ul	98
70) Phenanthrene	17.06	178	1050056	19.415	ng/ul	98
72) Anthracene	17.14	178	1066956	19.357	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.06	216	262954	18.676	ng/uL	99
74) Pentachlorobenzene	14.60	250	285377	18.208	ng/uL	99
75) Carbazole	17.42	167	954691	19.819	ng/ul	99
76) Di-n-butylphthalate	18.00	149	1088387	19.351	ng/ul	100
77) Fluoranthene	19.07	202	1219960	19.136	ng/ul	99
80) Pyrene	19.44	202	1269909	19.601	ng/ul	100
81) Butylbenzylphthalate	20.36	149	488746	19.808	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.13	252	489993	22.355	ng/ul	99
83) Benzo(a)anthracene	21.19	228	1241824	19.526	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.14	149	759178	19.835	ng/ul	99
85) Chrysene	21.24	228	1215436	19.479	ng/ul	99
87) Di-n-octyl phthalate	22.01	149	1249395	18.353	ng/ul	100
88) Benzo(b)fluoranthene	22.74	252	1355161	19.118	ng/ul	99
89) Benzo(k)fluoranthene	22.78	252	1381269	19.781	ng/ul	98
91) Benzo(a)pyrene	23.29	252	1328545	20.595	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.55	276	1658467	19.468	ng/ul	98
93) Dibenzo(a,h)anthracene	25.56	278	1392666	19.305	ng/ul	99
94) Benzo(g,h,i)perylene	26.21	276	1344076	19.143	ng/ul	98

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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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