Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050721\
Data File : BM029875.D
Acq On : 07 May 2021 14:18
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SICV020

Manual Integrations APPROVED
mohammad
5/10/2021 11:44:59 AM

Quant Time: May 07 14:56:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 07 13:53:15 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	135680	20.00	ng/ul	0.00
20) Naphthalene-d8	10.33	136	625162	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.20	164	425617	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.95	188	887401	20.00	ng/ul	0.00
79) Chrysene-d12	21.14	240	1018322	20.00	ng/ul	0.00
88) Perylene-d12	23.30	264	1103312	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	27943	8.22	ng/uL	0.00
4) Pyridine-d5	3.48	84	141274	16.61	ng/ul	0.00
7) Phenol-d5	6.74	99	226541	17.95	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.90	67	142826	18.25	ng/ul	0.00
11) 2-Chlorophenol-d4	7.09	132	188663	19.37	ng/ul	0.00
15) 4-Methylphenol-d8	8.27	113	190904	18.29	ng/ul	0.00
21) Nitrobenzene-d5	8.71	128	87074	20.21	ng/ul	0.00
24) 2-Nitrophenol-d4	9.43	143	100492	20.67	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.96	165	193230	19.82	ng/ul	0.00
31) 4-Chloroaniline-d4	10.48	131	269855	18.19	ng/ul	0.00
46) Dimethylphthalate-d6	13.63	166	631824	19.15	ng/ul	0.00
49) Acenaphthylene-d8	13.89	160	812418	19.43	ng/ul	0.00
54) 4-Nitrophenol-d4	14.43	143	92109	17.14	ng/ul	0.00
60) Fluorene-d10	15.20	176	535869	19.13	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.34	200	103780	18.00	ng/ul	0.00
73) Anthracene-d10	17.05	188	861524	19.28	ng/ul	0.00
81) Pyrene-d10	19.34	212	983194	18.82	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.16	264	1197355	19.14	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	28904	7.861	ng/uL	93
5) Pyridine	3.50	79	153688	17.615	ng/ul	98
6) Benzaldehyde	6.71	77	138518m	21.267	ng/ul	
8) Phenol	6.77	94	228732	17.756	ng/ul	97
10) Bis(2-Chloroethyl)ether	6.99	93	187829	18.440	ng/ul	99
12) 2-Chlorophenol	7.12	128	191855	19.318	ng/ul	97
13) 2-Methylphenol	8.01	108	178407	18.279	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.09	45	291750	19.015	ng/ul	99
16) Acetophenone	8.38	105	309541	18.485	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.37	70	169696	19.806	ng/ul	99
18) 4-Methylphenol	8.33	108	197878	18.288	ng/ul	95
19) Hexachloroethane	8.62	117	82577	19.680	ng/ul	95
22) Nitrobenzene	8.76	77	226773	20.201	ng/ul	100
23) Isophorone	9.27	82	466487	19.646	ng/ul	99
25) 2-Nitrophenol	9.46	139	107827	20.425	ng/ul	99
26) 2,4-Dimethylphenol	9.53	107	232604	19.527	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.76	93	274443	19.734	ng/ul	100
29) 2,4-Dichlorophenol	9.99	162	187417	19.573	ng/ul	99
30) Naphthalene	10.38	128	664839	19.159	ng/ul	99
32) 4-Chloroaniline	10.50	127	273244	17.875	ng/ul	99
33) Hexachlorobutadiene	10.66	225	121369	18.905	ng/ul	96
34) Caprolactam	11.29	113	64543m	18.993	ng/ul	

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35) 4-Chloro-3-methylphenol	11.64	107	208948	19.718	ng/ul	100
36) 2-Methylnaphthalene	12.00	142	484181	19.235	ng/ul	100
37) 1-Methylnaphthalene	12.23	142	484057	19.404	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.38	216	249208	18.948	ng/ul	100
40) Hexachlorocyclopentadiene	12.36	237	110535	16.179	ng/ul	100
41) 2,4,6-Trichlorophenol	12.63	196	155481	19.386	ng/ul	97
42) 2,4,5-Trichlorophenol	12.70	196	166959	19.670	ng/ul	99
43) 1,1'-Biphenyl	13.03	154	620693	18.760	ng/ul	99
44) 2-Chloronaphthalene	13.07	162	486062	19.143	ng/ul	99
45) 2-Nitroaniline	13.29	65	134472	20.954	ng/ul	97
47) Dimethylphthalate	13.67	163	636504	19.268	ng/ul	99
48) 2,6-Dinitrotoluene	13.80	165	121141	20.428	ng/ul	90
50) Acenaphthylene	13.92	152	783180	19.370	ng/ul	99
51) 3-Nitroaniline	14.13	138	123778	18.580	ng/ul	100
52) Acenaphthene	14.27	153	543840	19.031	ng/ul	98
53) 2,4-Dinitrophenol	14.34	184	73861	18.306	ng/ul	97
55) 4-Nitrophenol	14.44	109	71377	17.277	ng/ul	97
56) Dibenzofuran	14.61	168	749586	19.152	ng/ul	100
57) 2,4-Dinitrotoluene	14.59	165	181054	20.633	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.84	232	157704	19.511	ng/ul	98
59) Diethylphthalate	15.04	149	663127	19.247	ng/ul	99
61) Fluorene	15.26	166	634042	18.949	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.26	204	309551	18.828	ng/ul	100
63) 4-Nitroaniline	15.30	138	128092m	19.398	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.35	198	103486	18.243	ng/ul	98
67) N-Nitrosodiphenylamine	15.47	169	557934	19.355	ng/ul	100
68) 4-Bromophenyl-phenylether	16.15	248	189360	19.171	ng/ul	99
69) Hexachlorobenzene	16.26	284	224231	19.116	ng/ul	99
70) Atrazine	16.43	200	195646	18.395	ng/ul	99
71) Pentachlorophenol	16.61	266	117510	17.484	ng/ul	97
72) Phenanthrene	16.99	178	1012251	19.346	ng/ul	99
74) Anthracene	17.09	178	1042870	19.495	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	12.99	216	267275	19.041	ng/uL	98
76) Pentachlorobenzene	14.53	250	254687	19.026	ng/uL	99
77) Carbazole	17.36	167	916158	18.692	ng/ul	99
78) Di-n-butylphthalate	17.93	149	1153698	19.831	ng/ul	100
80) Fluoranthene	19.02	202	1188147	18.688	ng/ul	99
82) Pyrene	19.37	202	1262789	18.874	ng/ul	99
83) Butylbenzylphthalate	20.29	149	483042	20.315	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.07	252	450740	19.456	ng/ul	98
85) Benzo(a)anthracene	21.13	228	1292261	19.450	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.07	149	822999	20.074	ng/ul	100
87) Chrysene	21.17	228	1282743	19.385	ng/ul	99
89) Di-n-octyl phthalate	21.92	149	1438151	17.034	ng/ul	100
90) Benzo(b)fluoranthene	22.66	252	1358209	18.978	ng/ul	99
91) Benzo(k)fluoranthene	22.70	252	1411856	18.765	ng/ul	99
93) Benzo(a)pyrene	23.20	252	1247469	19.193	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.46	276	1632157	20.747	ng/ul	99
95) Dibenzo(a,h)anthracene	25.46	278	1366362	20.490	ng/ul	99
96) Benzo(g,h,i)perylene	26.11	276	1339700	21.018	ng/ul	99

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

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