Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052021\
Data File : BM030147.D
Acq On : 22 May 2021 13:13
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020054

Manual Integrations APPROVED
mohammad
5/24/2021 1:54:06 PM

Quant Time: May 24 02:18:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 20 12:00:20 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	156796	20.00	ng/ul	-0.01
20) Naphthalene-d8	10.27	136	733471	20.00	ng/ul	-0.01
38) Acenaphthene-d10	14.16	164	504079	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.91	188	1054335	20.00	ng/ul	0.00
79) Chrysene-d12	21.10	240	1172717	20.00	ng/ul	0.00
88) Perylene-d12	23.24	264	1122793	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	28309	7.21	ng/uL	0.00
4) Pyridine-d5	3.45	84	165557	16.84	ng/ul	0.00
7) Phenol-d5	6.69	99	259423	17.79	ng/ul	-0.01
9) Bis-(2-Chloroethyl)ether-d	6.86	67	170588	18.87	ng/ul	0.00
11) 2-Chlorophenol-d4	7.04	132	215829	19.18	ng/ul	-0.01
15) 4-Methylphenol-d8	8.23	113	220561	18.29	ng/ul	0.00
21) Nitrobenzene-d5	8.66	128	102821	20.34	ng/ul	0.00
24) 2-Nitrophenol-d4	9.38	143	119996	21.03	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	9.91	165	220949	19.31	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.43	131	307813	17.68	ng/ul	-0.01
46) Dimethylphthalate-d6	13.58	166	708764	18.14	ng/ul	0.00
49) Acenaphthylene-d8	13.85	160	906846	18.31	ng/ul	0.00
54) 4-Nitrophenol-d4	14.39	143	104915	16.49	ng/ul	-0.01
60) Fluorene-d10	15.16	176	606054	18.27	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.30	200	124844	18.23	ng/ul	0.00
73) Anthracene-d10	17.00	188	963130	18.14	ng/ul	0.00
81) Pyrene-d10	19.30	212	1089918	18.12	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.10	264	1197087	18.81	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.06	88	29236	6.881	ng/uL	99
5) Pyridine	3.46	79	171164	16.976	ng/ul	98
6) Benzaldehyde	6.66	77	151294	20.101	ng/ul	98
8) Phenol	6.72	94	273063	18.342	ng/ul	97
10) Bis(2-Chloroethyl)ether	6.95	93	210031	17.843	ng/ul	99
12) 2-Chlorophenol	7.08	128	219231	19.101	ng/ul	98
13) 2-Methylphenol	7.96	108	199915	17.724	ng/ul	97
14) 2,2'-oxybis(1-Chloropropan	8.03	45	373795	21.082	ng/ul	97
16) Acetophenone	8.33	105	352419	18.211	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.32	70	201396	20.340	ng/ul	96
18) 4-Methylphenol	8.29	108	226208	18.091	ng/ul	99
19) Hexachloroethane	8.56	117	92259	19.026	ng/ul	98
22) Nitrobenzene	8.70	77	274730	20.859	ng/ul	95
23) Isophorone	9.23	82	529279	18.999	ng/ul	99
25) 2-Nitrophenol	9.41	139	128905	20.812	ng/ul	99
26) 2,4-Dimethylphenol	9.48	107	269209	19.263	ng/ul	97
27) Bis(2-Chloroethoxy)methane	9.71	93	307475	18.844	ng/ul	99
29) 2,4-Dichlorophenol	9.94	162	213308	18.987	ng/ul	99
30) Naphthalene	10.33	128	740045	18.178	ng/ul	100
32) 4-Chloroaniline	10.45	127	308574	17.205	ng/ul	99
33) Hexachlorobutadiene	10.60	225	137381	18.239	ng/ul	95
34) Caprolactam	11.25	113	72476m	18.178	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.59	107	243590	19.593	ng/ul	99
36) 2-Methylnaphthalene	11.95	142	550360	18.636	ng/ul	100
37) 1-Methylnaphthalene	12.17	142	545422	18.636	ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	12.33	216	275917	17.714	ng/ul	98
40) Hexachlorocyclopentadiene	12.30	237	155944	19.273	ng/ul	99
41) 2,4,6-Trichlorophenol	12.58	196	179411	18.888	ng/ul	97
42) 2,4,5-Trichlorophenol	12.66	196	184380	18.341	ng/ul	100
43) 1,1'-Biphenyl	12.98	154	697729	17.806	ng/ul	98
44) 2-Chloronaphthalene	13.02	162	548661	18.245	ng/ul	99
45) 2-Nitroaniline	13.25	65	169871	22.349	ng/ul	95
47) Dimethylphthalate	13.63	163	713970	18.249	ng/ul	99
48) 2,6-Dinitrotoluene	13.75	165	144714	20.605	ng/ul	95
50) Acenaphthylene	13.87	152	869413	18.155	ng/ul	99
51) 3-Nitroaniline	14.09	138	143000	18.125	ng/ul	98
52) Acenaphthene	14.22	153	609947	18.022	ng/ul	99
53) 2,4-Dinitrophenol	14.30	184	103091	21.574	ng/ul	92
55) 4-Nitrophenol	14.41	109	107429	21.955	ng/ul	98
56) Dibenzofuran	14.56	168	839648	18.114	ng/ul	97
57) 2,4-Dinitrotoluene	14.55	165	210510	20.255	ng/ul#	79
58) 2,3,4,6-Tetrachlorophenol	14.80	232	177791	18.572	ng/ul	99
59) Diethylphthalate	15.00	149	745675	18.274	ng/ul	100
61) Fluorene	15.21	166	724041	18.271	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.21	204	351191	18.035	ng/ul	99
63) 4-Nitroaniline	15.26	138	151974m	19.432	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.32	198	119635	17.750	ng/ul#	98
67) N-Nitrosodiphenylamine	15.43	169	621033	18.132	ng/ul	99
68) 4-Bromophenyl-phenylether	16.10	248	210916	17.972	ng/ul	95
69) Hexachlorobenzene	16.22	284	247295	17.745	ng/ul	96
70) Atrazine	16.39	200	218948	17.327	ng/ul	99
71) Pentachlorophenol	16.57	266	133015	16.657	ng/ul	98
72) Phenanthrene	16.95	178	1116586	17.961	ng/ul	100
74) Anthracene	17.04	178	1152547	18.134	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	12.95	216	297820	17.857	ng/uL	99
76) Pentachlorobenzene	14.48	250	280348	17.627	ng/uL	100
77) Carbazole	17.32	167	1019350	17.504	ng/ul	99
78) Di-n-butylphthalate	17.89	149	1310818	18.964	ng/ul	100
80) Fluoranthene	18.97	202	1321929	18.055	ng/ul	97
82) Pyrene	19.33	202	1390799	18.050	ng/ul	99
83) Butylbenzylphthalate	20.25	149	609070	22.243	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.03	252	497474	18.646	ng/ul	98
85) Benzo(a)anthracene	21.09	228	1417104	18.521	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.03	149	982302	20.806	ng/ul	100
87) Chrysene	21.14	228	1387532	18.208	ng/ul	99
89) Di-n-octyl phthalate	21.88	149	1685312	19.615	ng/ul	100
90) Benzo(b)fluoranthene	22.60	252	1407536	19.326	ng/ul	100
91) Benzo(k)fluoranthene	22.64	252	1463332	19.111	ng/ul	99
93) Benzo(a)pyrene	23.15	252	1244964	18.822	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.37	276	1449407	18.104	ng/ul	100
95) Dibenzo(a,h)anthracene	25.37	278	1218061	17.949	ng/ul	99
96) Benzo(g,h,i)perylene	26.02	276	1143128	17.623	ng/ul	99

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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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