Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032221\
Data File : BM029183.D
Acq On : 22 Mar 2021 17:51
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020020

Manual Integrations APPROVED
mohammad
3/23/2021 11:23:23 AM

Quant Time: Mar 22 18:24:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM031921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 22 14:22:20 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	97313	20.00	ng/ul	0.00
20) Naphthalene-d8	10.55	136	382505	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.39	164	235058	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.13	188	500587	20.00	ng/ul	0.00
79) Chrysene-d12	21.29	240	547164	20.00	ng/ul	0.00
88) Perylene-d12	23.53	264	555098	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	20875	8.43	ng/uL	0.00
4) Pyridine-d5	3.69	84	133971	20.70	ng/ul	0.00
7) Phenol-d5	6.93	99	164281	21.38	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.10	67	101610	22.88	ng/ul	0.00
11) 2-Chlorophenol-d4	7.30	132	132672	22.18	ng/ul	0.00
15) 4-Methylphenol-d8	8.46	113	128077	21.47	ng/ul	0.00
21) Nitrobenzene-d5	8.92	128	57243	23.53	ng/ul	0.00
24) 2-Nitrophenol-d4	9.63	143	55202	23.80	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.17	165	129588	21.32	ng/ul	0.00
31) 4-Chloroaniline-d4	10.68	131	175197	20.38	ng/ul	0.00
46) Dimethylphthalate-d6	13.80	166	384187	21.67	ng/ul	0.00
49) Acenaphthylene-d8	14.08	160	447847	21.37	ng/ul	0.00
54) 4-Nitrophenol-d4	14.57	143	65265	22.61	ng/ul	0.00
60) Fluorene-d10	15.38	176	327309	21.46	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.49	200	49792	21.10	ng/ul	0.00
73) Anthracene-d10	17.23	188	504585	21.11	ng/ul	0.00
81) Pyrene-d10	19.51	212	566542	22.19	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.39	264	631658	21.38	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	22195	8.930	ng/uL	95
5) Pyridine	3.71	79	142056	21.368	ng/ul	96
6) Benzaldehyde	6.92	77	113553	27.534	ng/ul	95
8) Phenol	6.96	94	176858	21.896	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.20	93	127575	21.376	ng/ul	96
12) 2-Chlorophenol	7.33	128	140675	22.044	ng/ul	97
13) 2-Methylphenol	8.20	108	127463	21.394	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.30	45	183847	23.502	ng/ul	98
16) Acetophenone	8.59	105	210682	21.611	ng/ul	94
17) N-Nitroso-di-n-propylamine	8.57	70	111501	24.045	ng/ul	98
18) 4-Methylphenol	8.53	108	138047	21.821	ng/ul	97
19) Hexachloroethane	8.85	117	60747	22.225	ng/ul	93
22) Nitrobenzene	8.96	77	164980	23.259	ng/ul	98
23) Isophorone	9.49	82	285427	22.522	ng/ul	97
25) 2-Nitrophenol	9.67	139	66714	24.966	ng/ul	99
26) 2,4-Dimethylphenol	9.73	107	159401	21.950	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.97	93	171253	22.621	ng/ul	99
29) 2,4-Dichlorophenol	10.19	162	131299	21.345	ng/ul	99
30) Naphthalene	10.60	128	437145	21.096	ng/ul	100
32) 4-Chloroaniline	10.70	127	181884	20.799	ng/ul	97
33) Hexachlorobutadiene	10.89	225	87483	19.805	ng/ul	97
34) Caprolactam	11.46	113	34407m	22.007	ng/ul	

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35) 4-Chloro-3-methylphenol	11.82	107	132976	22.253	ng/ul	99
36) 2-Methylnaphthalene	12.21	142	314116	21.457	ng/ul	99
37) 1-Methylnaphthalene	12.43	142	314681	21.772	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.58	216	160093	19.711	ng/ul	97
40) Hexachlorocyclopentadiene	12.56	237	99597	18.668	ng/ul	99
41) 2,4,6-Trichlorophenol	12.82	196	94273	21.109	ng/ul	98
42) 2,4,5-Trichlorophenol	12.89	196	105936	22.276	ng/ul	98
43) 1,1'-Biphenyl	13.23	154	406298	21.232	ng/ul	97
44) 2-Chloronaphthalene	13.26	162	314191	20.798	ng/ul	98
45) 2-Nitroaniline	13.46	65	87570	27.020	ng/ul	96
47) Dimethylphthalate	13.85	163	388427	21.407	ng/ul	97
48) 2,6-Dinitrotoluene	13.96	165	72323	25.611	ng/ul	98
50) Acenaphthylene	14.11	152	468771	21.628	ng/ul	99
51) 3-Nitroaniline	14.29	138	75507	24.179	ng/ul#	98
52) Acenaphthene	14.45	153	345869	21.489	ng/ul	97
53) 2,4-Dinitrophenol	14.49	184	32403	21.383	ng/ul#	88
55) 4-Nitrophenol	14.59	109	62736	22.839	ng/ul	99
56) Dibenzofuran	14.79	168	477346	21.341	ng/ul	99
57) 2,4-Dinitrotoluene	14.74	165	106615	26.458	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.01	232	85485	22.432	ng/ul	93
59) Diethylphthalate	15.22	149	399954	22.388	ng/ul	99
61) Fluorene	15.44	166	402139	21.488	ng/ul	97
62) 4-Chlorophenyl-phenylether	15.43	204	195704	20.834	ng/ul	99
63) 4-Nitroaniline	15.44	138	80911	24.827	ng/ul	97
66) 4,6-Dinitro-2-methylphenol	15.50	198	53673	21.622	ng/ul	99
67) N-Nitrosodiphenylamine	15.64	169	341151	21.334	ng/ul	99
68) 4-Bromophenyl-phenylether	16.33	248	109657	20.586	ng/ul	94
69) Hexachlorobenzene	16.43	284	121913	20.545	ng/ul	95
70) Atrazine	16.60	200	124191	20.273	ng/ul	98
71) Pentachlorophenol	16.77	266	65941	19.569	ng/ul	91
72) Phenanthrene	17.17	178	635109	21.490	ng/ul	99
74) Anthracene	17.26	178	651664	21.459	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.19	216	156770	19.392	ng/uL	99
76) Pentachlorobenzene	14.71	250	158822	20.123	ng/uL	96
77) Carbazole	17.52	167	581708	20.811	ng/ul	99
78) Di-n-butylphthalate	18.10	149	657825	22.785	ng/ul	100
80) Fluoranthene	19.18	202	731211	22.287	ng/ul	99
82) Pyrene	19.54	202	769904	22.387	ng/ul	97
83) Butylbenzylphthalate	20.44	149	281209	23.270	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.22	252	240114	21.191	ng/ul	99
85) Benzo(a)anthracene	21.27	228	758743	21.495	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.22	149	460996	23.215	ng/ul	100
87) Chrysene	21.33	228	743523	21.544	ng/ul	99
89) Di-n-octyl phthalate	22.10	149	758575	21.423	ng/ul	100
90) Benzo(b)fluoranthene	22.86	252	790906	22.046	ng/ul	98
91) Benzo(k)fluoranthene	22.90	252	780219	21.766	ng/ul	99
93) Benzo(a)pyrene	23.43	252	706179	21.723	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.80	276	938880	21.478	ng/ul	98
95) Dibenzo(a,h)anthracene	25.81	278	788802	21.387	ng/ul	99
96) Benzo(g,h,i)perylene	26.49	276	753682	21.021	ng/ul	98

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

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