Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050121\
Data File : BM029752.D
Acq On : 01 May 2021 18:50
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020019

Manual Integrations APPROVED
mohammad
5/3/2021 12:24:39 PM

Quant Time: May 02 07:15:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050121.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 01 16:23:05 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	47391	20.00	ng/ul	0.00
20) Naphthalene-d8	10.35	136	169935	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.23	164	124244	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.97	188	271262	20.00	ng/ul	0.00
79) Chrysene-d12	21.16	240	330132	20.00	ng/ul	0.00
88) Perylene-d12	23.32	264	351911	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	7532	7.77	ng/uL	0.00
4) Pyridine-d5	3.50	84	37720	17.97	ng/ul	0.00
7) Phenol-d5	6.76	99	57610	18.05	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.92	67	31516	18.86	ng/ul	0.00
11) 2-Chlorophenol-d4	7.12	132	54544	18.90	ng/ul	0.00
15) 4-Methylphenol-d8	8.29	113	49069	17.95	ng/ul	0.00
21) Nitrobenzene-d5	8.73	128	24231	19.58	ng/ul	0.00
24) 2-Nitrophenol-d4	9.45	143	30893	19.72	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.99	165	64270	19.63	ng/ul	0.00
31) 4-Chloroaniline-d4	10.50	131	67093	18.18	ng/ul	0.00
46) Dimethylphthalate-d6	13.64	166	185907	18.89	ng/ul	0.00
49) Acenaphthylene-d8	13.92	160	234975	19.36	ng/ul	0.00
54) 4-Nitrophenol-d4	14.45	143	20766	15.95	ng/ul	0.00
60) Fluorene-d10	15.22	176	164251	19.29	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.36	200	33300	16.88	ng/ul	0.00
73) Anthracene-d10	17.07	188	260527	19.05	ng/ul	0.00
81) Pyrene-d10	19.36	212	328040	19.46	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.19	264	390996	19.37	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	8589	8.419	ng/uL#	86
5) Pyridine	3.52	79	40288	18.032	ng/ul	94
6) Benzaldehyde	6.73	77	35832m	19.579	ng/ul	
8) Phenol	6.79	94	58078	18.363	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.02	93	45078	18.623	ng/ul	94
12) 2-Chlorophenol	7.15	128	55088	19.182	ng/ul	99
13) 2-Methylphenol	8.03	108	46984	18.507	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.10	45	44253	18.625	ng/ul	96
16) Acetophenone	8.40	105	72698	17.256	ng/ul	97
17) N-Nitroso-di-n-propylamine	8.39	70	36879	18.164	ng/ul	95
18) 4-Methylphenol	8.36	108	51277	18.538	ng/ul	92
19) Hexachloroethane	8.64	117	24721	19.037	ng/ul	98
22) Nitrobenzene	8.77	77	54609	19.978	ng/ul	96
23) Isophorone	9.30	82	101991	19.342	ng/ul	99
25) 2-Nitrophenol	9.48	139	31137	19.153	ng/ul	98
26) 2,4-Dimethylphenol	9.55	107	58401	19.733	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.78	93	59630	19.426	ng/ul	99
29) 2,4-Dichlorophenol	10.02	162	60670	19.845	ng/ul	94
30) Naphthalene	10.40	128	175648	19.447	ng/ul	98
32) 4-Chloroaniline	10.53	127	67836	18.258	ng/ul	100
33) Hexachlorobutadiene	10.69	225	52156	19.738	ng/ul	99
34) Caprolactam	11.32	113	14068	16.666	ng/ul	98

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35) 4-Chloro-3-methylphenol	11.66	107	49813	19.130	ng/ul	98
36) 2-Methylnaphthalene	12.03	142	133169	19.091	ng/ul	96
37) 1-Methylnaphthalene	12.25	142	131846	19.418	ng/ul	96
39) 1,2,4,5-Tetrachlorobenzene	12.40	216	94305	19.477	ng/ul	99
40) Hexachlorocyclopentadiene	12.37	237	53172	22.371	ng/ul	94
41) 2,4,6-Trichlorophenol	12.65	196	54215	19.400	ng/ul	98
42) 2,4,5-Trichlorophenol	12.73	196	55890	19.072	ng/ul	100
43) 1,1'-Biphenyl	13.05	154	182271	19.619	ng/ul	99
44) 2-Chloronaphthalene	13.09	162	145703	19.467	ng/ul	100
45) 2-Nitroaniline	13.31	65	28336	19.606	ng/ul	95
47) Dimethylphthalate	13.69	163	180480	18.907	ng/ul	98
48) 2,6-Dinitrotoluene	13.81	165	36825	19.140	ng/ul	91
50) Acenaphthylene	13.95	152	216395	19.156	ng/ul	99
51) 3-Nitroaniline	14.15	138	27978	16.335	ng/ul	99
52) Acenaphthene	14.29	153	151841	19.273	ng/ul	100
53) 2,4-Dinitrophenol	14.36	184	26489	23.093	ng/ul	94
55) 4-Nitrophenol	14.47	109	14012m	15.218	ng/ul	
56) Dibenzofuran	14.63	168	224931	19.213	ng/ul	100
57) 2,4-Dinitrotoluene	14.60	165	51866	19.227	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.86	232	53552	19.352	ng/ul	95
59) Diethylphthalate	15.06	149	173056	19.099	ng/ul	99
61) Fluorene	15.27	166	184036	18.845	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.27	204	105257	19.296	ng/ul	96
63) 4-Nitroaniline	15.32	138	31194m	17.121	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.37	198	33227	17.487	ng/ul#	92
67) N-Nitrosodiphenylamine	15.49	169	163266	19.491	ng/ul	100
68) 4-Bromophenyl-phenylether	16.17	248	63626	19.121	ng/ul	97
69) Hexachlorobenzene	16.28	284	75929	19.758	ng/ul	93
70) Atrazine	16.45	200	65689	19.032	ng/ul	98
71) Pentachlorophenol	16.63	266	34975	17.296	ng/ul	96
72) Phenanthrene	17.01	178	304591	19.578	ng/ul	100
74) Anthracene	17.10	178	312476	19.545	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.02	216	99925	19.808	ng/uL	97
76) Pentachlorobenzene	14.55	250	91378	19.342	ng/uL	96
77) Carbazole	17.38	167	259904	18.628	ng/ul	98
78) Di-n-butylphthalate	17.94	149	291231	19.652	ng/ul	99
80) Fluoranthene	19.03	202	381602	19.245	ng/ul	99
82) Pyrene	19.40	202	407184	19.298	ng/ul	98
83) Butylbenzylphthalate	20.30	149	138368	18.899	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.08	252	149812	17.680	ng/ul	99
85) Benzo(a)anthracene	21.14	228	419923	19.439	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.08	149	215355	19.168	ng/ul	100
87) Chrysene	21.19	228	411392	19.057	ng/ul	99
89) Di-n-octyl phthalate	21.94	149	379733	18.802	ng/ul	100
90) Benzo(b)fluoranthene	22.67	252	427737	18.650	ng/ul	99
91) Benzo(k)fluoranthene	22.72	252	451237	19.974	ng/ul	99
93) Benzo(a)pyrene	23.23	252	400932	19.322	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.49	276	540183	19.879	ng/ul	99
95) Dibenzo(a,h)anthracene	25.50	278	449063	19.800	ng/ul	100
96) Benzo(g,h,i)perylene	26.15	276	452418	20.272	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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