Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
Data File : BM029925.D
Acq On : 11 May 2021 04:00
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020031

Manual Integrations APPROVED
mohammad
5/11/2021 2:33:32 PM

Quant Time: May 11 04:54:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 11 01:19:00 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	156550	20.00	ng/ul	0.00
20) Naphthalene-d8	10.32	136	733544	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.20	164	488113	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.94	188	976395	20.00	ng/ul	0.00
79) Chrysene-d12	21.13	240	884774	20.00	ng/ul	0.00
88) Perylene-d12	23.28	264	730065	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	34138	8.71	ng/uL	0.00
4) Pyridine-d5	3.48	84	202193	20.60	ng/ul	0.00
7) Phenol-d5	6.74	99	269579	18.52	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.90	67	176368	19.54	ng/ul	0.00
11) 2-Chlorophenol-d4	7.09	132	223984	19.93	ng/ul	0.00
15) 4-Methylphenol-d8	8.27	113	225827	18.76	ng/ul	0.00
21) Nitrobenzene-d5	8.70	128	108033	21.37	ng/ul	0.00
24) 2-Nitrophenol-d4	9.42	143	120440	21.11	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.96	165	220821	19.30	ng/ul	0.00
31) 4-Chloroaniline-d4	10.47	131	312730	17.96	ng/ul	0.00
46) Dimethylphthalate-d6	13.62	166	698049	18.45	ng/ul	0.00
49) Acenaphthylene-d8	13.89	160	919185	19.17	ng/ul	0.00
54) 4-Nitrophenol-d4	14.43	143	102838	16.69	ng/ul	0.00
60) Fluorene-d10	15.20	176	600786	18.71	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.33	200	108377	17.09	ng/ul	0.00
73) Anthracene-d10	17.04	188	929595	18.91	ng/ul	0.00
81) Pyrene-d10	19.34	212	986719	21.74	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.14	264	795213	19.22	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	35887	8.459	ng/uL	91
5) Pyridine	3.50	79	202882	20.153	ng/ul	89
6) Benzaldehyde	6.70	77	175672m	23.376	ng/ul	
8) Phenol	6.76	94	280443	18.868	ng/ul	95
10) Bis(2-Chloroethyl)ether	6.99	93	221002	18.805	ng/ul	99
12) 2-Chlorophenol	7.12	128	225674	19.694	ng/ul	97
13) 2-Methylphenol	8.00	108	208885	18.548	ng/ul	97
14) 2,2'-oxybis(1-Chloropropan	8.08	45	388242	21.931	ng/ul	95
16) Acetophenone	8.37	105	371382	19.221	ng/ul	97
17) N-Nitroso-di-n-propylamine	8.36	70	216579	21.908	ng/ul	95
18) 4-Methylphenol	8.33	108	232088	18.590	ng/ul	96
19) Hexachloroethane	8.61	117	101576	20.981	ng/ul	94
22) Nitrobenzene	8.75	77	290883	22.083	ng/ul	95
23) Isophorone	9.27	82	566631	20.338	ng/ul	98
25) 2-Nitrophenol	9.45	139	130160	21.013	ng/ul	94
26) 2,4-Dimethylphenol	9.52	107	272675	19.509	ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.76	93	319127	19.556	ng/ul	99
29) 2,4-Dichlorophenol	9.99	162	215227	19.156	ng/ul	99
30) Naphthalene	10.37	128	769388	18.896	ng/ul	99
32) 4-Chloroaniline	10.50	127	318222	17.742	ng/ul	97
33) Hexachlorobutadiene	10.66	225	142060	18.858	ng/ul	96
34) Caprolactam	11.28	113	72463m	18.173	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.63	107	250144	20.118	ng/ul	99
36) 2-Methylnaphthalene	12.00	142	558292	18.902	ng/ul	100
37) 1-Methylnaphthalene	12.22	142	558141	19.068	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.37	216	280612	18.604	ng/ul	99
40) Hexachlorocyclopentadiene	12.35	237	142817	18.228	ng/ul	100
41) 2,4,6-Trichlorophenol	12.62	196	178087	19.362	ng/ul	97
42) 2,4,5-Trichlorophenol	12.70	196	191269	19.649	ng/ul	97
43) 1,1'-Biphenyl	13.03	154	716042	18.871	ng/ul	98
44) 2-Chloronaphthalene	13.06	162	556306	19.104	ng/ul	99
45) 2-Nitroaniline	13.29	65	170047	23.104	ng/ul	95
47) Dimethylphthalate	13.67	163	707467	18.674	ng/ul	99
48) 2,6-Dinitrotoluene	13.79	165	139133	20.458	ng/ul	98
50) Acenaphthylene	13.92	152	881236	19.004	ng/ul	99
51) 3-Nitroaniline	14.12	138	144208	18.876	ng/ul	98
52) Acenaphthene	14.26	153	618517	18.873	ng/ul	99
53) 2,4-Dinitrophenol	14.34	184	84525	18.267	ng/ul	94
55) 4-Nitrophenol	14.44	109	103167	21.774	ng/ul	97
56) Dibenzofuran	14.60	168	836877	18.645	ng/ul	96
57) 2,4-Dinitrotoluene	14.58	165	204370	20.308	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	14.83	232	172771	18.638	ng/ul	99
59) Diethylphthalate	15.04	149	736682	18.644	ng/ul	100
61) Fluorene	15.25	166	716371	18.669	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.25	204	344223	18.256	ng/ul	97
63) 4-Nitroaniline	15.29	138	150520m	19.875	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.34	198	107295	17.190	ng/ul	94
67) N-Nitrosodiphenylamine	15.47	169	602343	18.991	ng/ul	99
68) 4-Bromophenyl-phenylether	16.14	248	206554	19.005	ng/ul	97
69) Hexachlorobenzene	16.25	284	242834	18.815	ng/ul#	93
70) Atrazine	16.43	200	209073	17.866	ng/ul	99
71) Pentachlorophenol	16.60	266	142017	19.204	ng/ul	98
72) Phenanthrene	16.99	178	1085536	18.855	ng/ul	100
74) Anthracene	17.07	178	1116259	18.965	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	12.99	216	301024	19.490	ng/uL	96
76) Pentachlorobenzene	14.52	250	278206	18.888	ng/uL	98
77) Carbazole	17.36	167	965364	17.901	ng/ul	99
78) Di-n-butylphthalate	17.92	149	1266510	19.786	ng/ul	99
80) Fluoranthene	19.00	202	1226434	22.202	ng/ul	97
82) Pyrene	19.37	202	1269918	21.845	ng/ul	99
83) Butylbenzylphthalate	20.28	149	532249	25.763	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.06	252	352021	17.488	ng/ul	99
85) Benzo(a)anthracene	21.12	228	1125202	19.492	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.06	149	836990	23.497	ng/ul	99
87) Chrysene	21.17	228	1095245	19.049	ng/ul	99
89) Di-n-octyl phthalate	21.91	149	1332984	23.860	ng/ul	100
90) Benzo(b)fluoranthene	22.64	252	970840	20.501	ng/ul	100
91) Benzo(k)fluoranthene	22.69	252	969180	19.467	ng/ul	99
93) Benzo(a)pyrene	23.19	252	823382	19.144	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.43	276	983026	18.884	ng/ul	98
95) Dibenzo(a,h)anthracene	25.44	278	828840	18.784	ng/ul	99
96) Benzo(g,h,i)perylene	26.09	276	809820	19.201	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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