Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120520\
Data File : BM028050.D
Acq On : 05 Dec 2020 16:34
Operator : JU/CG
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD020012

Quant Time: Dec 07 08:17:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120320.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 07 08:15:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	190303	20.00	ng/ul	0.00
20) Naphthalene-d8	11.12	136	780919	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.91	164	451945	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.63	188	908594	20.00	ng/ul	0.00
79) Chrysene-d12	21.73	240	854648	20.00	ng/ul	0.00
88) Perylene-d12	24.14	264	866313	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	43388	8.51	ng/uL	0.00
4) Pyridine-d5	3.93	84	289094	21.03	ng/ul	0.00
7) Phenol-d5	7.42	99	340403	21.49	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.60	67	213527	21.69	ng/ul	0.00
11) 2-Chlorophenol-d4	7.81	132	286706	21.73	ng/ul	0.00
15) 4-Methylphenol-d8	8.99	113	277733	22.23	ng/ul	0.00
21) Nitrobenzene-d5	9.46	128	133987	22.10	ng/ul	0.00
24) 2-Nitrophenol-d4	10.19	143	137902	22.76	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.73	165	273830	22.29	ng/ul	0.00
31) 4-Chloroaniline-d4	11.25	131	370058	22.02	ng/ul	0.00
46) Dimethylphthalate-d6	14.30	166	744504	22.27	ng/ul	0.00
49) Acenaphthylene-d8	14.61	160	933447	21.75	ng/ul	0.00
54) 4-Nitrophenol-d4	15.07	143	140300	21.76	ng/ul	0.00
60) Fluorene-d10	15.89	176	647727	21.61	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.99	200	109203	20.71	ng/ul	0.00
73) Anthracene-d10	17.72	188	955374	21.45	ng/ul	0.00
81) Pyrene-d10	19.97	212	996877	22.22	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.99	264	1009007	21.88	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	42664	8.143	ng/uL	96
5) Pyridine	3.95	79	293069	21.247	ng/ul	93
6) Benzaldehyde	7.40	77	96589	14.749	ng/ul	96
8) Phenol	7.45	94	344014	21.279	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.69	93	288508	21.674	ng/ul	98
12) 2-Chlorophenol	7.84	128	297181	21.877	ng/ul	97
13) 2-Methylphenol	8.72	108	262624	21.704	ng/ul	95
14) 2,2'-oxybis(1-Chloropropan	8.82	45	473188	22.091	ng/ul	99
16) Acetophenone	9.12	105	418418	22.379	ng/ul	99
17) N-Nitroso-di-n-propylamine	9.10	70	211041	23.755	ng/ul	99
18) 4-Methylphenol	9.06	108	282918	21.810	ng/ul	95
19) Hexachloroethane	9.39	117	124671	21.866	ng/ul	99
22) Nitrobenzene	9.50	77	323067	21.595	ng/ul	97
23) Isophorone	10.03	82	573516	22.916	ng/ul	99
25) 2-Nitrophenol	10.23	139	155393	22.681	ng/ul	98
26) 2,4-Dimethylphenol	10.27	107	307674	21.853	ng/ul	100
27) Bis(2-Chloroethoxy)methane	10.51	93	383488	22.321	ng/ul	99
29) 2,4-Dichlorophenol	10.76	162	265579	22.092	ng/ul	97
30) Naphthalene	11.17	128	944160	21.410	ng/ul	100
32) 4-Chloroaniline	11.27	127	358154	22.003	ng/ul	98
33) Hexachlorobutadiene	11.45	225	170456	21.656	ng/ul	100
34) Caprolactam	12.04	113	79941	23.080	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.37	107	276518	22.934	ng/ul	99
36) 2-Methylnaphthalene	12.76	142	635605	21.921	ng/ul	99
37) 1-Methylnaphthalene	12.97	142	618352	22.185	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	320048	20.808	ng/ul	99
40) Hexachlorocyclopentadiene	13.10	237	176199	20.099	ng/ul	97
41) 2,4,6-Trichlorophenol	13.35	196	201848	21.898	ng/ul	96
42) 2,4,5-Trichlorophenol	13.42	196	215469	21.770	ng/ul	100
43) 1,1'-Biphenyl	13.75	154	814077	21.022	ng/ul	100
44) 2-Chloronaphthalene	13.80	162	634695	20.803	ng/ul	99
45) 2-Nitroaniline	13.99	65	173179	22.830	ng/ul	99
47) Dimethylphthalate	14.35	163	767811	22.210	ng/ul	99
48) 2,6-Dinitrotoluene	14.47	165	152876	23.292	ng/ul	93
50) Acenaphthylene	14.63	152	952945	21.423	ng/ul	100
51) 3-Nitroaniline	14.80	138	128132	19.670	ng/ul	99
52) Acenaphthene	14.97	153	676686	21.198	ng/ul	99
53) 2,4-Dinitrophenol	15.00	184	76573	20.283	ng/ul	94
55) 4-Nitrophenol	15.09	109	105069	22.158	ng/ul	96
56) Dibenzofuran	15.30	168	919821	21.272	ng/ul	99
57) 2,4-Dinitrotoluene	15.25	165	218657	23.775	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.52	232	181751	22.861	ng/ul	99
59) Diethylphthalate	15.70	149	777879	22.967	ng/ul	99
61) Fluorene	15.94	166	768283	21.766	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.93	204	373361	21.601	ng/ul	98
63) 4-Nitroaniline	15.94	138	74139	12.847	ng/ul	97
66) 4,6-Dinitro-2-methylphenol	16.01	198	120558	20.761	ng/ul	99
67) N-Nitrosodiphenylamine	16.14	169	639182	21.388	ng/ul	99
68) 4-Bromophenyl-phenylether	16.82	248	224575	21.626	ng/ul	98
69) Hexachlorobenzene	16.94	284	257896	21.528	ng/ul	98
70) Atrazine	17.07	200	219543	21.709	ng/ul	97
71) Pentachlorophenol	17.27	266	142628	21.275	ng/ul	98
72) Phenanthrene	17.67	178	1180935	21.376	ng/ul	98
74) Anthracene	17.76	178	1205893	21.431	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.72	216	309414	20.165	ng/uL	99
76) Pentachlorobenzene	15.22	250	305012	20.743	ng/uL	99
77) Carbazole	18.02	167	1026524	21.440	ng/ul	100
78) Di-n-butylphthalate	18.56	149	1291513	23.664	ng/ul	100
80) Fluoranthene	19.64	202	1308156	22.252	ng/ul	98
82) Pyrene	20.00	202	1344085	21.906	ng/ul	97
83) Butylbenzylphthalate	20.86	149	541268	24.578	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.64	252	398637	21.050	ng/ul	99
85) Benzo(a)anthracene	21.72	228	1237697	21.815	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.62	149	802753	24.094	ng/ul	99
87) Chrysene	21.77	228	1209831	21.576	ng/ul	99
89) Di-n-octyl phthalate	22.54	149	1350203	22.993	ng/ul	100
90) Benzo(b)fluoranthene	23.40	252	1221251	21.367	ng/ul	98
91) Benzo(k)fluoranthene	23.46	252	1238017	22.446	ng/ul	100
93) Benzo(a)pyrene	24.03	252	1144306	22.009	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.62	276	1370540	21.470	ng/ul	99
95) Dibenzo(a,h)anthracene	26.63	278	1160188	21.502	ng/ul	99
96) Benzo(g,h,i)perylene	27.39	276	1154934	21.443	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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