Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120420\
Data File : BM028041.D
Acq On : 04 Dec 2020 21:33
Operator : JU/CG
Sample : SSTDCCC020EC
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD020010

Quant Time: Dec 05 00:35:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120320.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 04 23:57:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	221563	20.00	ng/ul	0.00
20) Naphthalene-d8	11.12	136	920392	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.91	164	532097	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.63	188	1075729	20.00	ng/ul	0.00
79) Chrysene-d12	21.73	240	988485	20.00	ng/ul	0.00
88) Perylene-d12	24.13	264	940928	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	45769	7.71	ng/uL	0.00
4) Pyridine-d5	3.93	84	315554	19.72	ng/ul	0.00
7) Phenol-d5	7.42	99	373295	20.24	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.60	67	236711	20.65	ng/ul	0.00
11) 2-Chlorophenol-d4	7.81	132	315450	20.53	ng/ul	0.00
15) 4-Methylphenol-d8	8.99	113	305087	20.97	ng/ul	0.00
21) Nitrobenzene-d5	9.47	128	147205	20.60	ng/ul	0.00
24) 2-Nitrophenol-d4	10.19	143	153225	21.46	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.73	165	301776	20.84	ng/ul	0.00
31) 4-Chloroaniline-d4	11.25	131	426976	21.55	ng/ul	0.00
46) Dimethylphthalate-d6	14.30	166	837939	21.28	ng/ul	0.00
49) Acenaphthylene-d8	14.61	160	1042810	20.64	ng/ul	0.00
54) 4-Nitrophenol-d4	15.07	143	152927	20.14	ng/ul	0.00
60) Fluorene-d10	15.89	176	729995	20.69	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	16.00	200	120665	19.33	ng/ul	0.00
73) Anthracene-d10	17.73	188	1077794	20.44	ng/ul	0.00
81) Pyrene-d10	19.98	212	1112850	21.45	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.98	264	1035952	20.68	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	46909	7.690	ng/uL	93
5) Pyridine	3.95	79	317399	19.764	ng/ul	96
6) Benzaldehyde	7.41	77	177212	23.242	ng/ul	97
8) Phenol	7.45	94	382355	20.314	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.69	93	319567	20.620	ng/ul	98
12) 2-Chlorophenol	7.85	128	325568	20.585	ng/ul	98
13) 2-Methylphenol	8.73	108	289440	20.545	ng/ul	96
14) 2,2'-oxybis(1-Chloropropan	8.82	45	530220	21.261	ng/ul	99
16) Acetophenone	9.12	105	464388	21.333	ng/ul	98
17) N-Nitroso-di-n-propylamine	9.10	70	233044	22.531	ng/ul	99
18) 4-Methylphenol	9.06	108	315804	20.910	ng/ul	96
19) Hexachloroethane	9.39	117	137851	20.767	ng/ul	95
22) Nitrobenzene	9.51	77	356929	20.243	ng/ul	97
23) Isophorone	10.04	82	644903	21.863	ng/ul	100
25) 2-Nitrophenol	10.23	139	173497	21.486	ng/ul	96
26) 2,4-Dimethylphenol	10.27	107	339784	20.477	ng/ul	96
27) Bis(2-Chloroethoxy)methane	10.51	93	427211	21.098	ng/ul	99
29) 2,4-Dichlorophenol	10.76	162	292732	20.661	ng/ul	97
30) Naphthalene	11.17	128	1048620	20.176	ng/ul	99
32) 4-Chloroaniline	11.27	127	414506	21.606	ng/ul	100
33) Hexachlorobutadiene	11.45	225	190374	20.521	ng/ul	99
34) Caprolactam	12.04	113	88830	21.760	ng/ul	96

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35) 4-Chloro-3-methylphenol	12.37	107	307664	21.650	ng/ul	99
36) 2-Methylnaphthalene	12.76	142	708863	20.743	ng/ul	100
37) 1-Methylnaphthalene	12.98	142	684134	20.825	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	352359	19.458	ng/ul	99
40) Hexachlorocyclopentadiene	13.10	237	195620	18.953	ng/ul	98
41) 2,4,6-Trichlorophenol	13.35	196	223563	20.601	ng/ul	97
42) 2,4,5-Trichlorophenol	13.42	196	239900	20.587	ng/ul	99
43) 1,1'-Biphenyl	13.75	154	912443	20.013	ng/ul	100
44) 2-Chloronaphthalene	13.80	162	708084	19.713	ng/ul	99
45) 2-Nitroaniline	13.99	65	195296	21.867	ng/ul	99
47) Dimethylphthalate	14.35	163	865569	21.267	ng/ul	99
48) 2,6-Dinitrotoluene	14.47	165	173748	22.485	ng/ul	96
50) Acenaphthylene	14.64	152	1064040	20.317	ng/ul	99
51) 3-Nitroaniline	14.80	138	161710	21.085	ng/ul	97
52) Acenaphthene	14.97	153	756700	20.134	ng/ul	100
53) 2,4-Dinitrophenol	15.00	184	83874	18.870	ng/ul	97
55) 4-Nitrophenol	15.09	109	113450	20.321	ng/ul	94
56) Dibenzofuran	15.30	168	1032989	20.291	ng/ul	99
57) 2,4-Dinitrotoluene	15.25	165	242410	22.388	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.52	232	202275	21.610	ng/ul	98
59) Diethylphthalate	15.70	149	877370	22.003	ng/ul	99
61) Fluorene	15.94	166	860081	20.696	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.93	204	419034	20.592	ng/ul	98
63) 4-Nitroaniline	15.95	138	127496	18.765	ng/ul	100
66) 4,6-Dinitro-2-methylphenol	16.01	198	134331	19.539	ng/ul	99
67) N-Nitrosodiphenylamine	16.14	169	718727	20.314	ng/ul	99
68) 4-Bromophenyl-phenylether	16.82	248	252964	20.575	ng/ul	98
69) Hexachlorobenzene	16.94	284	285266	20.113	ng/ul	100
70) Atrazine	17.07	200	250556	20.927	ng/ul	99
71) Pentachlorophenol	17.27	266	159484	20.093	ng/ul	99
72) Phenanthrene	17.67	178	1314261	20.093	ng/ul	99
74) Anthracene	17.76	178	1349238	20.253	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.72	216	344035	18.937	ng/uL	99
76) Pentachlorobenzene	15.22	250	340138	19.538	ng/uL	99
77) Carbazole	18.02	167	1147735	20.247	ng/ul	100
78) Di-n-butylphthalate	18.56	149	1482381	22.942	ng/ul	100
80) Fluoranthene	19.64	202	1453865	21.382	ng/ul	98
82) Pyrene	20.00	202	1501623	21.160	ng/ul	98
83) Butylbenzylphthalate	20.86	149	623277	24.470	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.64	252	457904	20.906	ng/ul	98
85) Benzo(a)anthracene	21.71	228	1339742	20.417	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.61	149	929770	24.128	ng/ul	99
87) Chrysene	21.77	228	1310233	20.202	ng/ul	100
89) Di-n-octyl phthalate	22.54	149	1524134	23.897	ng/ul	100
90) Benzo(b)fluoranthene	23.40	252	1285865	20.714	ng/ul	99
91) Benzo(k)fluoranthene	23.45	252	1268689	21.178	ng/ul	100
93) Benzo(a)pyrene	24.03	252	1157611	20.499	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.61	276	1349866	19.469	ng/ul	98
95) Dibenzo(a,h)anthracene	26.62	278	1139089	19.437	ng/ul	99
96) Benzo(g,h,i)perylene	27.38	276	1124776	19.227	ng/ul	98

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

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