Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120320\
Data File : BM028017.D
Acq On : 03 Dec 2020 13:52
Operator : JU/CG
Sample : SSTD08001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD080001

Quant Time: Dec 03 14:23:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120320.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 03 13:12:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	178221	20.00	ng/ul	0.00
20) Naphthalene-d8	11.13	136	697844	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.92	164	368425	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.63	188	712768	20.00	ng/ul	0.00
79) Chrysene-d12	21.74	240	683170	20.00	ng/ul	0.00
88) Perylene-d12	24.14	264	716128	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	149357	29.53	ng/uL	0.00
4) Pyridine-d5	3.93	84	1031886	68.32	ng/ul	0.00
7) Phenol-d5	7.43	99	1178872	73.14	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.60	67	719000	64.63	ng/ul	0.00
11) 2-Chlorophenol-d4	7.82	132	998343	85.05	ng/ul	0.00
15) 4-Methylphenol-d8	9.00	113	925693	75.38	ng/ul	0.01
21) Nitrobenzene-d5	9.47	128	463075	64.68	ng/ul	0.00
24) 2-Nitrophenol-d4	10.20	143	493602	77.03	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.74	165	900738	70.64	ng/ul	0.00
31) 4-Chloroaniline-d4	11.26	131	1210457	80.46	ng/ul	0.00
46) Dimethylphthalate-d6	14.32	166	2197655	76.28	ng/ul	0.00
49) Acenaphthylene-d8	14.62	160	2880426	80.43	ng/ul	0.00
54) 4-Nitrophenol-d4	15.09	143	437628	84.06	ng/ul	0.01
60) Fluorene-d10	15.90	176	1918513	74.90	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	16.00	200	362450	76.83	ng/ul	0.00
73) Anthracene-d10	17.73	188	2762497	80.67	ng/ul	0.00
81) Pyrene-d10	19.99	212	2867306	70.67	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.99	264	3069597	79.35	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	152870	27.845	ng/uL	90
5) Pyridine	3.95	79	1026338	68.504	ng/ul	99
6) Benzaldehyde	7.41	77	492072	63.610	ng/ul	99
8) Phenol	7.46	94	1189913	71.837	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.70	93	972973	70.983	ng/ul	98
12) 2-Chlorophenol	7.85	128	1019087	84.412	ng/ul	99
13) 2-Methylphenol	8.73	108	897340	74.666	ng/ul	97
14) 2,2'-oxybis(1-Chloropropan	8.83	45	1541552	64.678	ng/ul	100
16) Acetophenone	9.13	105	1362368	66.860	ng/ul	99
17) N-Nitroso-di-n-propylamine	9.12	70	672450	60.928	ng/ul	98
18) 4-Methylphenol	9.07	108	952783	74.755	ng/ul	96
19) Hexachloroethane	9.40	117	433216	69.268	ng/ul	98
22) Nitrobenzene	9.52	77	1076403	46.157	ng/ul	96
23) Isophorone	10.05	82	1856418	59.768	ng/ul	100
25) 2-Nitrophenol	10.23	139	535619	77.651	ng/ul	96
26) 2,4-Dimethylphenol	10.28	107	1000886	61.115	ng/ul	97
27) Bis(2-Chloroethoxy)methane	10.52	93	1216936	62.904	ng/ul	100
29) 2,4-Dichlorophenol	10.77	162	866039	69.658	ng/ul	98
30) Naphthalene	11.18	128	3073501	80.402	ng/ul	100
32) 4-Chloroaniline	11.28	127	1178903	79.164	ng/ul	100
33) Hexachlorobutadiene	11.46	225	551403	57.976	ng/ul	100
34) Caprolactam	12.06	113	263124	71.951	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.38	107	877626	59.402 ng/ul	100
36) 2-Methylnaphthalene	12.77	142	2018150	60.079 ng/ul	99
37) 1-Methylnaphthalene	12.99	142	1943376	60.174 ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	13.13	216	986693	74.922 ng/ul	98
40) Hexachlorocyclopentadiene	13.10	237	610377	74.570 ng/ul	99
41) 2,4,6-Trichlorophenol	13.36	196	634701	79.164 ng/ul	98
42) 2,4,5-Trichlorophenol	13.43	196	675693	78.106 ng/ul	98
43) 1,1'-Biphenyl	13.76	154	2484073	81.167 ng/ul	99
44) 2-Chloronaphthalene	13.80	162	1969154	79.048 ng/ul	99
45) 2-Nitroaniline	14.00	65	558068	63.013 ng/ul	98
47) Dimethylphthalate	14.36	163	2216356	74.303 ng/ul	99
48) 2,6-Dinitrotoluene	14.49	165	490241	84.328 ng/ul	91
50) Acenaphthylene	14.64	152	2921104	82.688 ng/ul	99
51) 3-Nitroaniline	14.81	138	450223	84.178 ng/ul	97
52) Acenaphthene	14.98	153	2047935	81.095 ng/ul	99
53) 2,4-Dinitrophenol	15.01	184	275233	79.265 ng/ul	92
55) 4-Nitrophenol	15.10	109	310665	52.541 ng/ul	92
56) Dibenzofuran	15.31	168	2742317	77.770 ng/ul	100
57) 2,4-Dinitrotoluene	15.26	165	668894	82.447 ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.53	232	550413	78.293 ng/ul	96
59) Diethylphthalate	15.71	149	2232151	72.892 ng/ul	99
61) Fluorene	15.95	166	2239362	77.155 ng/ul	100
62) 4-Chlorophenyl-phenylether	15.93	204	1084692	72.369 ng/ul	99
63) 4-Nitroaniline	15.96	138	376546	77.783 ng/ul	98
66) 4,6-Dinitro-2-methylphenol	16.02	198	390970	77.642 ng/ul	96
67) N-Nitrosodiphenylamine	16.14	169	1869614	78.313 ng/ul	99
68) 4-Bromophenyl-phenylether	16.82	248	651467	75.589 ng/ul	96
69) Hexachlorobenzene	16.94	284	731311	75.420 ng/ul	99
70) Atrazine	17.08	200	646055	71.739 ng/ul	98
71) Pentachlorophenol	17.28	266	441322	77.374 ng/ul	99
72) Phenanthrene	17.67	178	3381775	81.861 ng/ul	99
74) Anthracene	17.77	178	3475285	82.555 ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.73	216	954971	73.913 ng/uL	100
76) Pentachlorobenzene	15.23	250	902818	74.650 ng/uL	99
77) Carbazole	18.03	167	3013730	84.717 ng/ul	99
78) Di-n-butylphthalate	18.56	149	3632268	83.188 ng/ul	99
80) Fluoranthene	19.66	202	3724868	72.089 ng/ul	99
82) Pyrene	20.02	202	3812335	72.023 ng/ul	99
83) Butylbenzylphthalate	20.86	149	1617865	74.630 ng/ul	100
84) 3,3'-Dichlorobenzidine	21.64	252	1223339	78.751 ng/ul	98
85) Benzo(a)anthracene	21.72	228	3574531	75.266 ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.62	149	2374640	77.099 ng/ul	98
87) Chrysene	21.78	228	3433262	74.332 ng/ul	100
89) Di-n-octyl phthalate	22.54	149	4088754	75.389 ng/ul	100
90) Benzo(b)fluoranthene	23.41	252	3752253	74.901 ng/ul	98
91) Benzo(k)fluoranthene	23.46	252	3581288	74.506 ng/ul	99
93) Benzo(a)pyrene	24.04	252	3428321	76.324 ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.64	276	4191519	82.687 ng/ul	100
95) Dibenzo(a,h)anthracene	26.65	278	3504237	81.964 ng/ul	99
96) Benzo(g,h,i)perylene	27.41	276	3588006	83.966 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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