Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122920\
Data File : BM028276.D
Acq On : 29 Dec 2020 10:49
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD020001

Quant Time: Dec 29 11:38:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120820.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 29 11:38:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	102760	20.00	ng/ul	0.00
20) Naphthalene-d8	11.01	136	415798	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.81	164	242551	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.53	188	495763	20.00	ng/ul	0.00
79) Chrysene-d12	21.64	240	476160	20.00	ng/ul	0.00
88) Perylene-d12	24.00	264	486089	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	20916	7.78	ng/uL	0.00
4) Pyridine-d5	3.86	84	143458	19.52	ng/ul	0.00
7) Phenol-d5	7.32	99	177641	20.25	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.50	67	110242	19.78	ng/ul	0.00
11) 2-Chlorophenol-d4	7.70	132	150047	20.55	ng/ul	0.00
15) 4-Methylphenol-d8	8.89	113	144783	20.22	ng/ul	0.00
21) Nitrobenzene-d5	9.36	128	70244	20.94	ng/ul	0.00
24) 2-Nitrophenol-d4	10.09	143	75527	21.86	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.62	165	144640	21.31	ng/ul	0.00
31) 4-Chloroaniline-d4	11.14	131	203374	21.47	ng/ul	0.00
46) Dimethylphthalate-d6	14.21	166	396222	20.55	ng/ul	0.00
49) Acenaphthylene-d8	14.51	160	495844	21.16	ng/ul	0.00
54) 4-Nitrophenol-d4	14.99	143	74916	20.62	ng/ul	0.00
60) Fluorene-d10	15.79	176	343876	20.50	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.90	200	61674	20.36	ng/ul	0.00
73) Anthracene-d10	17.63	188	511030	20.71	ng/ul	0.00
81) Pyrene-d10	19.89	212	547003	21.16	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.85	264	551155	20.71	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	20960	7.445	ng/uL	94
5) Pyridine	3.88	79	144926	19.663	ng/ul	97
6) Benzaldehyde	7.30	77	69539	20.303	ng/ul	98
8) Phenol	7.35	94	179190	20.266	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.59	93	148725	19.730	ng/ul	95
12) 2-Chlorophenol	7.74	128	154607	20.444	ng/ul	99
13) 2-Methylphenol	8.62	108	137043	20.138	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.71	45	243112	19.471	ng/ul	99
16) Acetophenone	9.02	105	220036	20.248	ng/ul	99
17) N-Nitroso-di-n-propylamine	9.00	70	111309	20.981	ng/ul	99
18) 4-Methylphenol	8.96	108	148774	20.213	ng/ul	96
19) Hexachloroethane	9.28	117	64959	20.031	ng/ul	98
22) Nitrobenzene	9.40	77	168383	20.674	ng/ul	100
23) Isophorone	9.93	82	303286	21.025	ng/ul	97
25) 2-Nitrophenol	10.12	139	83353	21.770	ng/ul	98
26) 2,4-Dimethylphenol	10.17	107	162156	20.969	ng/ul	100
27) Bis(2-Chloroethoxy)methane	10.40	93	198800	20.358	ng/ul	99
29) 2,4-Dichlorophenol	10.65	162	140062	20.955	ng/ul	99
30) Naphthalene	11.06	128	497754	20.722	ng/ul	99
32) 4-Chloroaniline	11.16	127	197949	21.480	ng/ul	97
33) Hexachlorobutadiene	11.34	225	89449	20.535	ng/ul	97
34) Caprolactam	11.93	113	43592	20.782	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.27	107	148389	21.593 ng/ul	98
36) 2-Methylnaphthalene	12.66	142	336251	20.595 ng/ul	99
37) 1-Methylnaphthalene	12.87	142	327185	20.837 ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	13.02	216	168232	20.560 ng/ul	98
40) Hexachlorocyclopentadiene	12.99	237	84678	17.652 ng/ul	100
41) 2,4,6-Trichlorophenol	13.25	196	107645	21.423 ng/ul	99
42) 2,4,5-Trichlorophenol	13.32	196	116953	21.543 ng/ul	99
43) 1,1'-Biphenyl	13.65	154	431410	20.527 ng/ul	98
44) 2-Chloronaphthalene	13.70	162	337024	20.482 ng/ul	99
45) 2-Nitroaniline	13.89	65	94649	21.934 ng/ul	98
47) Dimethylphthalate	14.26	163	404106	20.337 ng/ul	100
48) 2,6-Dinitrotoluene	14.38	165	82088	21.545 ng/ul	97
50) Acenaphthylene	14.54	152	509930	21.035 ng/ul	99
51) 3-Nitroaniline	14.71	138	63263	17.736 ng/ul	97
52) Acenaphthene	14.87	153	360661	20.631 ng/ul	99
53) 2,4-Dinitrophenol	14.92	184	42377	19.339 ng/ul	95
55) 4-Nitrophenol	15.00	109	54192	20.176 ng/ul	99
56) Dibenzofuran	15.20	168	492943	20.699 ng/ul	98
57) 2,4-Dinitrotoluene	15.16	165	115200	21.524 ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.42	232	97502	21.238 ng/ul#	96
59) Diethylphthalate	15.60	149	410985	20.289 ng/ul	100
61) Fluorene	15.85	166	408577	20.612 ng/ul	100
62) 4-Chlorophenyl-phenylether	15.83	204	199212	20.392 ng/ul	98
63) 4-Nitroaniline	15.86	138	46496	15.782 ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.92	198	67454	20.493 ng/ul	98
67) N-Nitrosodiphenylamine	16.04	169	337114	20.665 ng/ul	97
68) 4-Bromophenyl-phenylether	16.72	248	120250	20.622 ng/ul	97
69) Hexachlorobenzene	16.84	284	137265	20.643 ng/ul	97
70) Atrazine	16.98	200	118844	20.307 ng/ul	100
71) Pentachlorophenol	17.18	266	77541	20.196 ng/ul	98
72) Phenanthrene	17.57	178	627670	20.523 ng/ul	100
74) Anthracene	17.66	178	647738	20.779 ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.62	216	164515	20.659 ng/uL	98
76) Pentachlorobenzene	15.13	250	163281	20.635 ng/uL	95
77) Carbazole	17.93	167	554824	20.960 ng/ul	99
78) Di-n-butylphthalate	18.47	149	689065	19.997 ng/ul	99
80) Fluoranthene	19.56	202	711473	21.141 ng/ul	100
82) Pyrene	19.92	202	734995	21.084 ng/ul	99
83) Butylbenzylphthalate	20.78	149	307565	20.999 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.56	252	204804	19.051 ng/ul	99
85) Benzo(a)anthracene	21.63	228	670127	20.665 ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.53	149	459062	20.468 ng/ul	100
87) Chrysene	21.69	228	661685	20.811 ng/ul	100
89) Di-n-octyl phthalate	22.44	149	771063	19.806 ng/ul	100
90) Benzo(b)fluoranthene	23.29	252	670598	20.057 ng/ul	99
91) Benzo(k)fluoranthene	23.33	252	667066	20.643 ng/ul	99
93) Benzo(a)pyrene	23.90	252	616530	20.609 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.42	276	741944	20.817 ng/ul	98
95) Dibenzo(a,h)anthracene	26.43	278	625024	20.621 ng/ul	100
96) Benzo(g,h,i)perylene	27.17	276	624760	20.901 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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