Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120320\
Data File : BM028016.D
Acq On : 03 Dec 2020 13:16
Operator : JU/CG
Sample : SSTD04006
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD040006

Quant Time: Dec 03 13:48:10 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	170042	20.00	ng/ul	0.00
20) Naphthalene-d8	11.13	136	668833	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.92	164	365838	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.63	188	714117	20.00	ng/ul	0.00
79) Chrysene-d12	21.73	240	690507	20.00	ng/ul	0.00
88) Perylene-d12	24.14	264	716255	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	72133	14.95	ng/uL	0.00
4) Pyridine-d5	3.93	84	499312	34.65	ng/ul	0.00
7) Phenol-d5	7.43	99	573295	37.28	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.60	67	360006	33.92	ng/ul	0.00
11) 2-Chlorophenol-d4	7.82	132	487411	43.52	ng/ul	0.00
15) 4-Methylphenol-d8	9.00	113	455122	38.85	ng/ul	0.00
21) Nitrobenzene-d5	9.47	128	222605	32.44	ng/ul	0.00
24) 2-Nitrophenol-d4	10.20	143	231416	37.68	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.74	165	447390	36.61	ng/ul	0.00
31) 4-Chloroaniline-d4	11.26	131	614093	42.59	ng/ul	0.00
46) Dimethylphthalate-d6	14.31	166	1130546	39.52	ng/ul	0.00
49) Acenaphthylene-d8	14.61	160	1458667	41.02	ng/ul	0.00
54) 4-Nitrophenol-d4	15.08	143	217443	42.06	ng/ul	0.00
60) Fluorene-d10	15.89	176	994915	39.12	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	16.00	200	173911	36.80	ng/ul	0.00
73) Anthracene-d10	17.73	188	1449014	42.23	ng/ul	0.00
81) Pyrene-d10	19.98	212	1507939	36.77	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.99	264	1579969	40.84	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	76276	14.562	ng/uL	91
5) Pyridine	3.95	79	502511	35.154	ng/ul	97
6) Benzaldehyde	7.41	77	267979	36.308	ng/ul	98
8) Phenol	7.45	94	582783	36.876	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.70	93	484152	37.020	ng/ul	98
12) 2-Chlorophenol	7.85	128	498668	43.292	ng/ul	98
13) 2-Methylphenol	8.73	108	442278	38.571	ng/ul	96
14) 2,2'-oxybis(1-Chloropropan	8.82	45	778933	34.253	ng/ul	99
16) Acetophenone	9.13	105	683226	35.143	ng/ul	100
17) N-Nitroso-di-n-propylamine	9.11	70	336275	31.934	ng/ul	97
18) 4-Methylphenol	9.06	108	470181	38.665	ng/ul	95
19) Hexachloroethane	9.40	117	208909	35.010	ng/ul	98
22) Nitrobenzene	9.52	77	534603	23.918	ng/ul	97
23) Isophorone	10.05	82	921662	30.960	ng/ul	99
25) 2-Nitrophenol	10.23	139	256591	38.813	ng/ul	97
26) 2,4-Dimethylphenol	10.27	107	500784	31.904	ng/ul	97
27) Bis(2-Chloroethoxy)methane	10.52	93	612292	33.023	ng/ul	100
29) 2,4-Dichlorophenol	10.76	162	428862	35.991	ng/ul	98
30) Naphthalene	11.18	128	1542304	42.096	ng/ul	99
32) 4-Chloroaniline	11.27	127	597075	41.833	ng/ul	99
33) Hexachlorobutadiene	11.46	225	273102	29.960	ng/ul	98
34) Caprolactam	12.05	113	125463	35.796	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	441510	31.180 ng/ul	98
36) 2-Methylnaphthalene	12.77	142	1026917	31.897 ng/ul	99
37) 1-Methylnaphthalene	12.99	142	982771	31.750 ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	13.13	216	504749	38.598 ng/ul	99
40) Hexachlorocyclopentadiene	13.10	237	294070	36.181 ng/ul	98
41) 2,4,6-Trichlorophenol	13.36	196	318434	39.998 ng/ul	96
42) 2,4,5-Trichlorophenol	13.43	196	338731	39.432 ng/ul	98
43) 1,1'-Biphenyl	13.76	154	1279433	42.101 ng/ul	99
44) 2-Chloronaphthalene	13.80	162	1006726	40.699 ng/ul	99
45) 2-Nitroaniline	13.99	65	272189	30.951 ng/ul	99
47) Dimethylphthalate	14.36	163	1159886	39.160 ng/ul	99
48) 2,6-Dinitrotoluene	14.48	165	239585	41.503 ng/ul	93
50) Acenaphthylene	14.64	152	1502261	42.825 ng/ul	99
51) 3-Nitroaniline	14.80	138	224164	42.208 ng/ul	97
52) Acenaphthene	14.97	153	1058552	42.214 ng/ul	99
53) 2,4-Dinitrophenol	15.01	184	126038	36.555 ng/ul	90
55) 4-Nitrophenol	15.09	109	159386	27.147 ng/ul	95
56) Dibenzofuran	15.31	168	1425395	40.709 ng/ul	99
57) 2,4-Dinitrotoluene	15.26	165	335219	41.611 ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.52	232	278010	39.825 ng/ul	98
59) Diethylphthalate	15.70	149	1165771	38.338 ng/ul	99
61) Fluorene	15.95	166	1171348	40.643 ng/ul	100
62) 4-Chlorophenyl-phenylether	15.93	204	568769	38.216 ng/ul	100
63) 4-Nitroaniline	15.96	138	189353	39.391 ng/ul	98
66) 4,6-Dinitro-2-methylphenol	16.02	198	191727	38.003 ng/ul	96
67) N-Nitrosodiphenylamine	16.14	169	972128	40.643 ng/ul	98
68) 4-Bromophenyl-phenylether	16.82	248	338419	39.192 ng/ul	98
69) Hexachlorobenzene	16.94	284	386529	39.787 ng/ul	98
70) Atrazine	17.07	200	332881	36.894 ng/ul	98
71) Pentachlorophenol	17.27	266	218488	38.234 ng/ul	98
72) Phenanthrene	17.67	178	1775331	42.893 ng/ul	99
74) Anthracene	17.76	178	1832481	43.448 ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.73	216	490100	37.861 ng/uL	99
76) Pentachlorobenzene	15.23	250	468221	38.642 ng/uL	98
77) Carbazole	18.02	167	1573166	44.139 ng/ul	100
78) Di-n-butylphthalate	18.56	149	1907333	43.600 ng/ul	100
80) Fluoranthene	19.65	202	1981216	37.936 ng/ul	99
82) Pyrene	20.01	202	2045909	38.241 ng/ul	99
83) Butylbenzylphthalate	20.86	149	823496	37.583 ng/ul	99
84) 3,3'-Dichlorobenzidine	21.64	252	643686	40.996 ng/ul	99
85) Benzo(a)anthracene	21.72	228	1883996	39.248 ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.62	149	1223325	39.297 ng/ul	99
87) Chrysene	21.77	228	1851226	39.654 ng/ul	100
89) Di-n-octyl phthalate	22.54	149	2080091	38.346 ng/ul	100
90) Benzo(b)fluoranthene	23.41	252	1923905	38.397 ng/ul	98
91) Benzo(k)fluoranthene	23.46	252	1894404	39.405 ng/ul	99
93) Benzo(a)pyrene	24.04	252	1786486	39.765 ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.63	276	2162459	42.651 ng/ul	98
95) Dibenzo(a,h)anthracene	26.63	278	1823393	42.642 ng/ul	99
96) Benzo(g,h,i)perylene	27.39	276	1832469	42.876 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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