Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120820\
Data File : BM028072.D
Acq On : 08 Dec 2020 12:36
Operator : JU/CG
Sample : SSTD08002
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD080002

Quant Time: Dec 08 13:10:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120820.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 08 12:34:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	154056	20.00	ng/ul	0.00
20) Naphthalene-d8	11.12	136	634654	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.91	164	369179	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.62	188	740458	20.00	ng/ul	0.00
79) Chrysene-d12	21.74	240	690610	20.00	ng/ul	0.00
88) Perylene-d12	24.14	264	688112	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	120401	29.18	ng/uL	0.00
4) Pyridine-d5	3.92	84	867432	77.95	ng/ul	0.00
7) Phenol-d5	7.42	99	1020612	79.59	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.60	67	641667	80.51	ng/ul	0.00
11) 2-Chlorophenol-d4	7.81	132	874683	81.88	ng/ul	0.00
15) 4-Methylphenol-d8	8.99	113	832566	82.32	ng/ul	0.00
21) Nitrobenzene-d5	9.46	128	420510	85.34	ng/ul	0.00
24) 2-Nitrophenol-d4	10.19	143	456791	92.78	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.73	165	841446	84.27	ng/ul	0.00
31) 4-Chloroaniline-d4	11.25	131	1160097	84.93	ng/ul	0.00
46) Dimethylphthalate-d6	14.30	166	2264893	82.92	ng/ul	0.00
49) Acenaphthylene-d8	14.60	160	2848867	81.25	ng/ul	0.00
54) 4-Nitrophenol-d4	15.08	143	443870	84.26	ng/ul	0.01
60) Fluorene-d10	15.89	176	1950255	79.67	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	16.00	200	384652	89.50	ng/ul	0.00
73) Anthracene-d10	17.73	188	2878302	79.29	ng/ul	0.00
81) Pyrene-d10	19.98	212	2955006	81.51	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.99	264	2964154	80.92	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	125640	29.621	ng/uL	97
5) Pyridine	3.95	79	863111	77.296	ng/ul	95
6) Benzaldehyde	7.40	77	431548	81.401	ng/ul	98
8) Phenol	7.45	94	1032392	78.885	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.69	93	866676	80.426	ng/ul	99
12) 2-Chlorophenol	7.84	128	893263	81.228	ng/ul	100
13) 2-Methylphenol	8.72	108	793323	80.987	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.82	45	1442433	83.183	ng/ul	100
16) Acetophenone	9.12	105	1253853	82.841	ng/ul	99
17) N-Nitroso-di-n-propylamine	9.12	70	635472	88.361	ng/ul	99
18) 4-Methylphenol	9.06	108	853358	81.262	ng/ul	99
19) Hexachloroethane	9.39	117	388785	84.233	ng/ul	99
22) Nitrobenzene	9.51	77	984146	80.943	ng/ul	100
23) Isophorone	10.04	82	1782300	87.628	ng/ul	98
25) 2-Nitrophenol	10.23	139	492841	88.515	ng/ul	95
26) 2,4-Dimethylphenol	10.27	107	929500	81.234	ng/ul	99
27) Bis(2-Chloroethoxy)methane	10.51	93	1162908	83.287	ng/ul	100
29) 2,4-Dichlorophenol	10.76	162	812564	83.171	ng/ul	99
30) Naphthalene	11.17	128	2822143	78.746	ng/ul	99
32) 4-Chloroaniline	11.27	127	1116747	84.418	ng/ul	100
33) Hexachlorobutadiene	11.45	225	520736	81.405	ng/ul	98
34) Caprolactam	12.06	113	255801	90.872	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.37	107	844929	86.227 ng/ul	97
36) 2-Methylnaphthalene	12.76	142	1931448	81.965 ng/ul	98
37) 1-Methylnaphthalene	12.97	142	1859302	82.079 ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	959875	76.397 ng/ul	99
40) Hexachlorocyclopentadiene	13.10	237	606151	84.645 ng/ul	99
41) 2,4,6-Trichlorophenol	13.35	196	624534	82.945 ng/ul	99
42) 2,4,5-Trichlorophenol	13.42	196	668932	82.736 ng/ul	99
43) 1,1'-Biphenyl	13.75	154	2451828	77.507 ng/ul	99
44) 2-Chloronaphthalene	13.80	162	1927155	77.327 ng/ul	100
45) 2-Nitroaniline	13.99	65	559084	90.226 ng/ul	95
47) Dimethylphthalate	14.36	163	2310817	81.830 ng/ul	100
48) 2,6-Dinitrotoluene	14.48	165	502938	93.808 ng/ul	90
50) Acenaphthylene	14.63	152	2885796	79.419 ng/ul	100
51) 3-Nitroaniline	14.80	138	443655	83.377 ng/ul	99
52) Acenaphthene	14.97	153	2045461	78.442 ng/ul	99
53) 2,4-Dinitrophenol	15.00	184	285022	92.422 ng/ul	94
55) 4-Nitrophenol	15.10	109	318066	82.115 ng/ul	96
56) Dibenzofuran	15.30	168	2754496	77.984 ng/ul	97
57) 2,4-Dinitrotoluene	15.26	165	693581	92.323 ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.52	232	572164	88.101 ng/ul	97
59) Diethylphthalate	15.70	149	2407923	87.035 ng/ul	100
61) Fluorene	15.94	166	2298231	79.706 ng/ul	100
62) 4-Chlorophenyl-phenylether	15.93	204	1124899	79.673 ng/ul	99
63) 4-Nitroaniline	15.96	138	375913	79.744 ng/ul	99
66) 4,6-Dinitro-2-methylphenol	16.02	198	410257	86.693 ng/ul#	94
67) N-Nitrosodiphenylamine	16.14	169	1939796	79.649 ng/ul	99
68) 4-Bromophenyl-phenylether	16.82	248	692096	81.781 ng/ul	96
69) Hexachlorobenzene	16.94	284	770865	78.960 ng/ul	98
70) Atrazine	17.07	200	698522	84.757 ng/ul	99
71) Pentachlorophenol	17.27	266	473212	86.615 ng/ul	97
72) Phenanthrene	17.67	178	3490149	77.521 ng/ul	99
74) Anthracene	17.76	178	3607598	78.674 ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.72	216	938423	75.044 ng/uL	100
76) Pentachlorobenzene	15.22	250	923760	77.086 ng/uL	98
77) Carbazole	18.02	167	3088623	79.157 ng/ul	100
78) Di-n-butylphthalate	18.55	149	4137415	93.024 ng/ul	99
80) Fluoranthene	19.65	202	3875823	81.589 ng/ul	100
82) Pyrene	20.01	202	3942762	79.524 ng/ul	100
83) Butylbenzylphthalate	20.86	149	1798390	101.060 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.64	252	1234150	80.649 ng/ul	99
85) Benzo(a)anthracene	21.72	228	3592069	78.352 ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.62	149	2724652	101.204 ng/ul	98
87) Chrysene	21.77	228	3482803	76.864 ng/ul	99
89) Di-n-octyl phthalate	22.54	149	4513758	96.772 ng/ul	100
90) Benzo(b)fluoranthene	23.41	252	3598024	79.255 ng/ul	99
91) Benzo(k)fluoranthene	23.46	252	3570258	81.496 ng/ul	100
93) Benzo(a)pyrene	24.04	252	3307753	80.094 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.63	276	3927554	77.460 ng/ul	98
95) Dibenzo(a,h)anthracene	26.64	278	3316233	77.377 ng/ul	99
96) Benzo(g,h,i)perylene	27.40	276	3336326	77.984 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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