Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022721\
Data File : BM028937.D
Acq On : 27 Feb 2021 02:39
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02022

Quant Time: Feb 27 05:29:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022721MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 26 15:22:35 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	16366	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	71576	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.43	164	45799	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.18	188	94822	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	86369	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	73833	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	2801	7.71	ng/uL	0.00
5) Phenol-d5	6.95	99	25100	21.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	14834	22.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	22725	21.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	21758	22.87	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	10784	20.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	12179	21.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	23047	21.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	30069	24.80	ng/ul	0.00
44) Dimethylphthalate-d6	13.85	166	67886	21.56	ng/ul	0.00
47) Acenaphthylene-d8	14.13	160	87654	20.75	ng/ul	0.00
52) 4-Nitrophenol-d4	14.67	143	11675	21.31	ng/ul	0.00
58) Fluorene-d10	15.43	176	57581	20.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	11636	20.58	ng/ul	0.00
71) Anthracene-d10	17.27	188	88083	20.44	ng/ul	0.00
79) Pyrene-d10	19.56	212	90399	21.30	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	77054	20.54	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	2834	7.737	ng/uL	95
4) Benzaldehyde	6.92	77	16064	27.329	ng/ul	99
6) Phenol	6.98	94	26103	21.264	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.20	93	20727	21.788	ng/ul	99
10) 2-Chlorophenol	7.33	128	23247	21.510	ng/ul	98
11) 2-Methylphenol	8.23	108	19964	21.548	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.31	45	34097	23.183	ng/ul	98
14) Acetophenone	8.61	105	35460	22.883	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.59	70	16984	24.769	ng/ul	99
16) 4-Methylphenol	8.57	108	22275	22.599	ng/ul	92
17) Hexachloroethane	8.84	117	9767	21.139	ng/ul	94
20) Nitrobenzene	8.99	77	25137	20.795	ng/ul	97
21) Isophorone	9.52	82	46188	22.633	ng/ul	98
23) 2-Nitrophenol	9.70	139	13432	20.749	ng/ul	99
24) 2,4-Dimethylphenol	9.76	107	26560	21.327	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.00	93	28945	21.681	ng/ul	99
27) 2,4-Dichlorophenol	10.23	162	22966	21.544	ng/ul	97
28) Naphthalene	10.62	128	74433	20.384	ng/ul	98
30) 4-Chloroaniline	10.75	127	30215	24.558	ng/ul	96
31) Hexachlorobutadiene	10.89	225	14230	20.471	ng/ul	94
32) Caprolactam	11.55	113	6791	23.813	ng/ul	96
33) 4-Chloro-3-methylphenol	11.89	107	24696	22.987	ng/ul	99
34) 2-Methylnaphthalene	12.24	142	54519	21.845	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.46	142	52742	21.953 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.62	216	27857	19.527 ng/ul	96
38) Hexachlorocyclopentadiene	12.58	237	9478	17.189 ng/ul	98
39) 2,4,6-Trichlorophenol	12.87	196	18644	20.681 ng/ul	95
40) 2,4,5-Trichlorophenol	12.94	196	20175	20.992 ng/ul	98
41) 1,1'-Biphenyl	13.26	154	70828	19.837 ng/ul	98
42) 2-Chloronaphthalene	13.31	162	55321	19.650 ng/ul	100
43) 2-Nitroaniline	13.53	65	15884	21.784 ng/ul	95
45) Dimethylphthalate	13.90	163	71014	21.624 ng/ul	99
46) 2,6-Dinitrotoluene	14.03	165	14428	22.308 ng/ul	97
48) Acenaphthylene	14.16	152	81913	20.435 ng/ul	99
49) 3-Nitroaniline	14.36	138	14934	23.732 ng/ul	98
50) Acenaphthene	14.50	153	59735	20.589 ng/ul	98
51) 2,4-Dinitrophenol	14.59	184	7701	21.220 ng/ul	94
53) 4-Nitrophenol	14.69	109	10594	21.788 ng/ul	99
54) Dibenzofuran	14.83	168	82953	20.650 ng/ul	98
55) 2,4-Dinitrotoluene	14.83	165	21492	22.888 ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.07	232	16358	21.992 ng/ul	93
57) Diethylphthalate	15.26	149	75181	22.644 ng/ul	98
59) Fluorene	15.49	166	69484	21.094 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.48	204	34271	21.078 ng/ul	96
61) 4-Nitroaniline	15.53	138	15204	23.451 ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.59	198	12152	21.181 ng/ul	100
65) N-Nitrosodiphenylamine	15.70	169	59824	20.537 ng/ul	96
66) 4-Bromophenyl-phenylether	16.37	248	20456	21.196 ng/ul	91
67) Hexachlorobenzene	16.49	284	22856	21.088 ng/ul	95
68) Atrazine	16.65	200	22079	21.542 ng/ul	97
69) Pentachlorophenol	16.83	266	12064	20.728 ng/ul	97
70) Phenanthrene	17.22	178	106449	20.480 ng/ul	99
72) Anthracene	17.31	178	111913	20.893 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.23	216	27507	18.489 ng/uL	96
74) Pentachlorobenzene	14.76	250	26975	19.685 ng/uL	98
75) Carbazole	17.59	167	98313	20.779 ng/ul	99
76) Di-n-butylphthalate	18.14	149	130937	23.021 ng/ul	100
77) Fluoranthene	19.23	202	118525	20.914 ng/ul	100
80) Pyrene	19.59	202	123313	21.795 ng/ul	99
81) Butylbenzylphthalate	20.49	149	56337	22.964 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.26	252	40221	23.091 ng/ul	98
83) Benzo(a)anthracene	21.33	228	112473	20.838 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.25	149	83873	22.886 ng/ul	99
85) Chrysene	21.38	228	108624	20.745 ng/ul	99
87) Di-n-octyl phthalate	22.12	149	137240	24.489 ng/ul	100
88) Benzo(b)fluoranthene	22.88	252	99541	20.748 ng/ul	99
89) Benzo(k)fluoranthene	22.92	252	101749	22.726 ng/ul	99
91) Benzo(a)pyrene	23.44	252	86493	20.756 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.74	276	97274	18.466 ng/ul	99
93) Dibenzo(a,h)anthracene	25.75	278	83076	18.477 ng/ul	98
94) Benzo(g,h,i)perylene	26.42	276	78668	17.878 ng/ul	97

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

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