Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010821\
Data File : BM028343.D
Acq On : 08 Jan 2021 10:54
Operator : CG/JU
Sample : SSTD01001
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD01001

Quant Time: Jan 08 12:08:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 08 12:05:12 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	28788	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	120533	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.76	164	71810	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.49	188	148510	20.00	ng/ul	0.00
78) Chrysene-d12	21.60	240	145591	20.00	ng/ul	0.00
86) Perylene-d12	23.93	264	133915	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	2862	3.95	ng/uL	0.00
5) Phenol-d5	7.27	99	24711	10.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	15807	10.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	20875	10.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	20505	10.37	ng/ul	0.00
19) Nitrobenzene-d5	9.30	128	9637	10.19	ng/ul	0.00
22) 2-Nitrophenol-d4	10.03	143	9828	10.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	19712	10.12	ng/ul	0.00
29) 4-Chloroaniline-d4	11.08	131	24223	10.49	ng/ul	0.00
44) Dimethylphthalate-d6	14.16	166	55619	10.05	ng/ul	0.00
47) Acenaphthylene-d8	14.46	160	70707	10.19	ng/ul	0.00
52) 4-Nitrophenol-d4	14.93	143	9974	9.92	ng/ul	0.00
58) Fluorene-d10	15.74	176	50671	10.24	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.86	200	8195	9.27	ng/ul	0.00
71) Anthracene-d10	17.58	188	76000	10.31	ng/ul	0.00
79) Pyrene-d10	19.84	212	81452	10.03	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.78	264	74094	10.05	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.40	88	3063	4.099	ng/uL	91
4) Benzaldehyde	7.25	77	14264	12.351	ng/ul	95
6) Phenol	7.30	94	25176	10.386	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.54	93	20585	10.233	ng/ul	98
10) 2-Chlorophenol	7.68	128	21116	10.116	ng/ul	96
11) 2-Methylphenol	8.57	108	18801	10.171	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.66	45	34729	10.123	ng/ul	99
14) Acetophenone	8.96	105	30775	10.369	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.94	70	15081	10.100	ng/ul	98
16) 4-Methylphenol	8.90	108	20608	10.380	ng/ul	94
17) Hexachloroethane	9.22	117	8926	10.062	ng/ul	95
20) Nitrobenzene	9.35	77	23881	10.212	ng/ul	100
21) Isophorone	9.87	82	40575	9.982	ng/ul	99
23) 2-Nitrophenol	10.06	139	11190	10.553	ng/ul	100
24) 2,4-Dimethylphenol	10.11	107	22658	10.073	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.35	93	27467	9.952	ng/ul	100
27) 2,4-Dichlorophenol	10.59	162	19096	10.077	ng/ul	99
28) Naphthalene	11.00	128	69754	10.205	ng/ul	99
30) 4-Chloroaniline	11.10	127	23470	10.544	ng/ul	98
31) Hexachlorobutadiene	11.28	225	12441	9.922	ng/ul	99
32) Caprolactam	11.86	113	5247	9.641	ng/ul	93
33) 4-Chloro-3-methylphenol	12.21	107	20308	10.196	ng/ul	96
34) 2-Methylnaphthalene	12.60	142	47433	10.190	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.82	142	55822	10.247 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.96	216	24005	10.199 ng/ul	98
38) Hexachlorocyclopentadiene	12.94	237	11587	8.126 ng/ul	98
39) 2,4,6-Trichlorophenol	13.20	196	14427	10.073 ng/ul	99
40) 2,4,5-Trichlorophenol	13.27	196	15975	10.304 ng/ul	98
41) 1,1'-Biphenyl	13.60	154	60784	10.044 ng/ul	99
42) 2-Chloronaphthalene	13.65	162	48075	10.152 ng/ul	99
43) 2-Nitroaniline	13.85	65	13027	10.281 ng/ul	98
45) Dimethylphthalate	14.21	163	57563	10.183 ng/ul	100
46) 2,6-Dinitrotoluene	14.33	165	10772	10.023 ng/ul	97
48) Acenaphthylene	14.49	152	71311	10.136 ng/ul	99
49) 3-Nitroaniline	14.66	138	9950	10.288 ng/ul	97
50) Acenaphthene	14.82	153	51268	10.153 ng/ul	97
51) 2,4-Dinitrophenol	14.87	184	4978	8.281 ng/ul	97
53) 4-Nitrophenol	14.94	109	8001	10.221 ng/ul	96
54) Dibenzofuran	15.16	168	71321	10.320 ng/ul	99
55) 2,4-Dinitrotoluene	15.11	165	15902	10.276 ng/ul	89
56) 2,3,4,6-Tetrachlorophenol	15.37	232	12938	10.047 ng/ul	98
57) Diethylphthalate	15.56	149	58218	10.126 ng/ul	99
59) Fluorene	15.80	166	58658	10.165 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.79	204	28628	10.182 ng/ul	99
61) 4-Nitroaniline	15.81	138	11167	11.240 ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.87	198	8813	9.242 ng/ul#	94
65) N-Nitrosodiphenylamine	16.00	169	47686	9.870 ng/ul	98
66) 4-Bromophenyl-phenylether	16.67	248	16917	9.951 ng/ul	97
67) Hexachlorobenzene	16.79	284	19475	10.017 ng/ul	96
68) Atrazine	16.93	200	16196	9.987 ng/ul	97
69) Pentachlorophenol	17.13	266	9915	9.038 ng/ul	97
70) Phenanthrene	17.53	178	92531	10.292 ng/ul	99
72) Anthracene	17.62	178	94003	10.274 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.57	216	23320	9.922 ng/uL	99
74) Pentachlorobenzene	15.07	250	22619	9.894 ng/uL	97
75) Carbazole	17.88	167	80149	10.502 ng/ul	99
76) Di-n-butylphthalate	18.42	149	94983	10.110 ng/ul	100
77) Fluoranthene	19.52	202	104511	11.014 ng/ul	99
80) Pyrene	19.87	202	110188	10.043 ng/ul	99
81) Butylbenzylphthalate	20.74	149	40659	9.873 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.52	252	28477	10.212 ng/ul	99
83) Benzo(a)anthracene	21.59	228	100989	10.349 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.50	149	58680	10.041 ng/ul	100
85) Chrysene	21.64	228	99043	10.327 ng/ul	99
87) Di-n-octyl phthalate	22.40	149	94453	9.796 ng/ul	100
88) Benzo(b)fluoranthene	23.23	252	96115	10.615 ng/ul	100
89) Benzo(k)fluoranthene	23.27	252	90514	10.079 ng/ul	99
91) Benzo(a)pyrene	23.83	252	82662	10.129 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	26.31	276	86060	9.234 ng/ul	98
93) Dibenzo(a,h)anthracene	26.32	278	72582	9.187 ng/ul	98
94) Benzo(g,h,i)perylene	27.04	276	70964	9.066 ng/ul	98

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

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