Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\
Data File : BM024252.D
Acq On : 24 Dec 2019 13:31
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02018

Quant Time: Dec 24 14:35:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 05:54:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	300983	20.00	ng/ul	0.00
18) Naphthalene-d8	10.20	136	1279048	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.09	164	810009	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.85	188	1712382	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1656933	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	1878075	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.99	96	53124	7.80	ng/uL	0.00
5) Phenol-d5	6.63	99	479432	16.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.78	67	330498	19.34	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	377627	18.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	381486	16.38	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	179225	19.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.30	143	194216	19.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	379590	19.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	452447	18.96	ng/ul	0.00
44) Dimethylphthalate-d6	13.52	166	1159157	19.35	ng/ul	0.00
47) Acenaphthylene-d8	13.78	160	1402147	19.54	ng/ul	0.00
52) 4-Nitrophenol-d4	14.34	143	175378	16.31	ng/ul	0.00
58) Fluorene-d10	15.10	176	998375	19.01	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.24	200	174971	16.75	ng/ul	0.00
71) Anthracene-d10	16.95	188	1514188	19.43	ng/ul	0.00
79) Pyrene-d10	19.26	212	1603323	20.31	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	1816912	19.48	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.02	88	58565	7.760	ng/uL	91
4) Benzaldehyde	6.59	77	344103	18.677	ng/ul	98
6) Phenol	6.65	94	501849	17.053	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.87	93	423422	18.569	ng/ul	97
10) 2-Chlorophenol	7.00	128	388781	18.650	ng/ul	98
11) 2-Methylphenol	7.89	108	369183	16.873	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	7.97	45	518802	19.755	ng/ul	99
14) Acetophenone	8.26	105	603370	17.174	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.25	70	353915	18.235	ng/ul	98
16) 4-Methylphenol	8.22	108	400959	16.506	ng/ul	100
17) Hexachloroethane	8.48	117	176053	20.461	ng/ul	97
20) Nitrobenzene	8.62	77	506223	19.815	ng/ul	97
21) Isophorone	9.15	82	926283	19.398	ng/ul	99
23) 2-Nitrophenol	9.33	139	220455	19.816	ng/ul	93
24) 2,4-Dimethylphenol	9.40	107	462136	19.256	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.63	93	587081	19.791	ng/ul	98
27) 2,4-Dichlorophenol	9.86	162	367857	19.132	ng/ul	98
28) Naphthalene	10.25	128	1297488	19.358	ng/ul	100
30) 4-Chloroaniline	10.37	127	454496	18.873	ng/ul	100
31) Hexachlorobutadiene	10.53	225	242398	20.393	ng/ul	99
32) Caprolactam	11.17	113	112567	15.494	ng/ul	89
33) 4-Chloro-3-methylphenol	11.52	107	425765	18.454	ng/ul	96
34) 2-Methylnaphthalene	11.87	142	902519	18.838	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.10	142	913267	18.676 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.25	216	445601	20.350 ng/ul	98
38) Hexachlorocyclopentadiene	12.23	237	231362	23.450 ng/ul	97
39) 2,4,6-Trichlorophenol	12.51	196	287157	19.829 ng/ul	99
40) 2,4,5-Trichlorophenol	12.59	196	305479	19.568 ng/ul	95
41) 1,1'-Biphenyl	12.92	154	1184730	19.594 ng/ul	100
42) 2-Chloronaphthalene	12.95	162	938928	19.765 ng/ul	98
43) 2-Nitroaniline	13.17	65	271220	19.473 ng/ul	96
45) Dimethylphthalate	13.56	163	1199209	19.264 ng/ul	99
46) 2,6-Dinitrotoluene	13.69	165	233716	19.059 ng/ul	94
48) Acenaphthylene	13.81	152	1483402	19.468 ng/ul	99
49) 3-Nitroaniline	14.02	138	208373	17.904 ng/ul	94
50) Acenaphthene	14.16	153	1014675	19.367 ng/ul	99
51) 2,4-Dinitrophenol	14.25	184	118385	17.180 ng/ul	93
53) 4-Nitrophenol	14.35	109	147305	17.177 ng/ul	97
54) Dibenzofuran	14.50	168	1388242	19.060 ng/ul	100
55) 2,4-Dinitrotoluene	14.49	165	347802	18.781 ng/ul#	84
56) 2,3,4,6-Tetrachlorophenol	14.73	232	270967	19.199 ng/ul	95
57) Diethylphthalate	14.94	149	1264127	19.973 ng/ul	99
59) Fluorene	15.15	166	1172537	19.063 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.15	204	581093	19.428 ng/ul	95
61) 4-Nitroaniline	15.19	138	206053	16.035 ng/ul	100
64) 4,6-Dinitro-2-methylphenol	15.26	198	188978	16.938 ng/ul	97
65) N-Nitrosodiphenylamine	15.37	169	989247	19.869 ng/ul	99
66) 4-Bromophenyl-phenylether	16.05	248	371183	20.393 ng/ul	97
67) Hexachlorobenzene	16.16	284	445853	20.005 ng/ul	98
68) Atrazine	16.34	200	360536	19.480 ng/ul	99
69) Pentachlorophenol	16.52	266	207244	17.745 ng/ul	98
70) Phenanthrene	16.89	178	1851169	19.310 ng/ul	99
72) Anthracene	16.99	178	1891406	19.625 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.87	216	448642	20.876 ng/uL	99
74) Pentachlorobenzene	14.42	250	476957	20.151 ng/uL	98
75) Carbazole	17.26	167	1581676	19.104 ng/ul	100
76) Di-n-butylphthalate	17.84	149	2221155	22.369 ng/ul	99
77) Fluoranthene	18.92	202	2109594	20.190 ng/ul	100
80) Pyrene	19.29	202	2194402	20.286 ng/ul	100
81) Butylbenzylphthalate	20.22	149	998274	23.425 ng/ul	97
82) 3,3'-Dichlorobenzidine	20.99	252	736775	20.031 ng/ul	100
83) Benzo(a)anthracene	21.05	228	2062232	19.535 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.00	149	1584600	24.952 ng/ul	100
85) Chrysene	21.10	228	2046969	19.782 ng/ul	99
87) Di-n-octyl phthalate	21.86	149	2633353	25.951 ng/ul	100
88) Benzo(b)fluoranthene	22.57	252	2207948	19.648 ng/ul	99
89) Benzo(k)fluoranthene	22.61	252	2189781	19.860 ng/ul	99
91) Benzo(a)pyrene	23.10	252	1999156	19.666 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.29	276	2529009	20.718 ng/ul	100
93) Dibenzo(a,h)anthracene	25.30	278	2122087	20.736 ng/ul	99
94) Benzo(g,h,i)perylene	25.93	276	2089064	20.961 ng/ul	98

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

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