Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122619\
Data File : BM024302.D
Acq On : 26 Dec 2019 17:34
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02023

Quant Time: Dec 26 18:07:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 26 03:43:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	238822	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	991681	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.09	164	574128	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.85	188	1146246	20.00	ng/ul	-0.01
78) Chrysene-d12	21.06	240	1085762	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	1279025	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.99	96	45013	8.33	ng/uL	0.00
5) Phenol-d5	6.62	99	388763	17.19	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.78	67	253484	18.69	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	303731	18.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	306161	16.56	ng/ul	-0.01
19) Nitrobenzene-d5	8.58	128	142071	19.94	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.29	143	155334	19.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	286821	18.83	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.35	131	349502	18.89	ng/ul	0.00
44) Dimethylphthalate-d6	13.51	166	807649	19.02	ng/ul	-0.01
47) Acenaphthylene-d8	13.77	160	1001339	19.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.34	143	112128	14.71	ng/ul	-0.01
58) Fluorene-d10	15.09	176	692030	18.59	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	107872	15.43	ng/ul	-0.01
71) Anthracene-d10	16.95	188	1018913	19.54	ng/ul	0.00
79) Pyrene-d10	19.25	212	1045614	20.22	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.06	264	1243752	19.58	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.02	88	48352	8.074	ng/uL	93
4) Benzaldehyde	6.59	77	292311	19.996	ng/ul	97
6) Phenol	6.65	94	402440	17.235	ng/ul	100
8) Bis(2-Chloroethyl)ether	6.87	93	332467	18.375	ng/ul	93
10) 2-Chlorophenol	6.99	128	311223	18.815	ng/ul	96
11) 2-Methylphenol	7.88	108	298269	17.180	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	7.96	45	405809	19.474	ng/ul	98
14) Acetophenone	8.25	105	475075	17.042	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.23	70	276683	17.967	ng/ul	97
16) 4-Methylphenol	8.21	108	321475	16.678	ng/ul	100
17) Hexachloroethane	8.48	117	137896	20.198	ng/ul	95
20) Nitrobenzene	8.62	77	393826	19.883	ng/ul	99
21) Isophorone	9.15	82	714163	19.290	ng/ul	100
23) 2-Nitrophenol	9.32	139	168984	19.591	ng/ul	92
24) 2,4-Dimethylphenol	9.40	107	360006	19.348	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.63	93	444452	19.324	ng/ul	99
27) 2,4-Dichlorophenol	9.86	162	284568	19.089	ng/ul	100
28) Naphthalene	10.24	128	1001856	19.279	ng/ul	99
30) 4-Chloroaniline	10.37	127	344347	18.442	ng/ul	99
31) Hexachlorobutadiene	10.52	225	180470	19.583	ng/ul	96
32) Caprolactam	11.16	113	83089	14.750	ng/ul	94
33) 4-Chloro-3-methylphenol	11.52	107	317316	17.739	ng/ul	97
34) 2-Methylnaphthalene	11.87	142	675944	18.198	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.09	142	684056	18.043	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.25	216	322145	20.757	ng/ul	98
38) Hexachlorocyclopentadiene	12.22	237	136798	19.562	ng/ul	95
39) 2,4,6-Trichlorophenol	12.50	196	206346	20.103	ng/ul	98
40) 2,4,5-Trichlorophenol	12.59	196	205002	18.527	ng/ul	99
41) 1,1'-Biphenyl	12.91	154	861449	20.101	ng/ul	99
42) 2-Chloronaphthalene	12.95	162	684527	20.330	ng/ul	100
43) 2-Nitroaniline	13.17	65	199938	20.253	ng/ul	95
45) Dimethylphthalate	13.56	163	838355	19.000	ng/ul	99
46) 2,6-Dinitrotoluene	13.68	165	164362	18.910	ng/ul	91
48) Acenaphthylene	13.80	152	1063834	19.697	ng/ul	99
49) 3-Nitroaniline	14.02	138	150356	18.227	ng/ul	94
50) Acenaphthene	14.15	153	722996	19.469	ng/ul	100
51) 2,4-Dinitrophenol	14.25	184	78703	16.113	ng/ul	98
53) 4-Nitrophenol	14.36	109	94400	15.530	ng/ul	98
54) Dibenzofuran	14.49	168	977636	18.937	ng/ul	97
55) 2,4-Dinitrotoluene	14.49	165	239689	18.261	ng/ul#	83
56) 2,3,4,6-Tetrachlorophenol	14.73	232	181047	18.099	ng/ul	97
57) Diethylphthalate	14.94	149	856993	19.104	ng/ul	99
59) Fluorene	15.15	166	808833	18.552	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.15	204	394871	18.626	ng/ul	99
61) 4-Nitroaniline	15.19	138	151104	16.590	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.26	198	116855	15.646	ng/ul	97
65) N-Nitrosodiphenylamine	15.37	169	673481	20.208	ng/ul	99
66) 4-Bromophenyl-phenylether	16.05	248	242270	19.884	ng/ul	98
67) Hexachlorobenzene	16.16	284	295612	19.815	ng/ul	96
68) Atrazine	16.33	200	235725	19.027	ng/ul	99
69) Pentachlorophenol	16.51	266	126365	16.164	ng/ul	95
70) Phenanthrene	16.89	178	1240614	19.333	ng/ul	99
72) Anthracene	16.98	178	1264142	19.595	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.87	216	322530	22.420	ng/uL	99
74) Pentachlorobenzene	14.42	250	331577	20.928	ng/uL	97
75) Carbazole	17.26	167	1076154	19.418	ng/ul	100
76) Di-n-butylphthalate	17.83	149	1396491	21.011	ng/ul	99
77) Fluoranthene	18.92	202	1371861	19.614	ng/ul	99
80) Pyrene	19.29	202	1431953	20.202	ng/ul	99
81) Butylbenzylphthalate	20.21	149	624118	22.350	ng/ul	96
82) 3,3'-Dichlorobenzidine	20.99	252	485945	20.161	ng/ul	99
83) Benzo(a)anthracene	21.04	228	1359010	19.645	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.00	149	953989	22.924	ng/ul	99
85) Chrysene	21.10	228	1324000	19.526	ng/ul	99
87) Di-n-octyl phthalate	21.85	149	1602574	23.190	ng/ul	100
88) Benzo(b)fluoranthene	22.56	252	1475822	19.284	ng/ul	99
89) Benzo(k)fluoranthene	22.60	252	1493525	19.890	ng/ul	100
91) Benzo(a)pyrene	23.10	252	1378997	19.919	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.29	276	1805104	21.714	ng/ul	100
93) Dibenzo(a,h)anthracene	25.30	278	1504919	21.592	ng/ul	99
94) Benzo(g,h,i)perylene	25.93	276	1510586	22.255	ng/ul	98

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

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