Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061419\
Data File : BM020945.D
Acq On : 14 Jun 2019 15:38
Operator : HP/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SICV23

Quant Time: Jun 14 16:14:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 14 15:40:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	235985	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1063767	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	685828	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1506356	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	1278429	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	1335090	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	37477	7.54	ng/uL	0.00
5) Phenol-d5	6.96	99	422590	20.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	256714	20.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	343801	20.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	363925	21.22	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	179368	20.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	207270	21.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	407412	20.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	429534	21.12	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1258668	20.31	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1572648	20.73	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	201569	20.00	ng/ul	0.00
57) Fluorene-d10	15.43	176	1085078	20.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	183007	19.76	ng/ul	0.00
70) Anthracene-d10	17.28	188	1602985	20.48	ng/ul	0.00
78) Pyrene-d10	19.57	212	1605925	20.93	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	1599983	20.31	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	39436	7.842	ng/uL	96
4) Benzaldehyde	6.95	77	191654	20.467	ng/ul	96
6) Phenol	6.99	94	398695	20.521	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.23	93	311854	21.031	ng/ul	99
10) 2-Chlorophenol	7.36	128	324910	20.658	ng/ul	99
11) 2-Methylphenol	8.23	108	310596	20.662	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.33	45	398290	21.035	ng/ul	99
14) Acetophenone	8.62	105	525190	21.283	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.60	70	282611	22.005	ng/ul	97
16) 4-Methylphenol	8.56	108	344376	21.052	ng/ul	99
17) Hexachloroethane	8.87	117	132186	20.163	ng/ul	99
20) Nitrobenzene	9.00	77	398808	20.552	ng/ul	98
21) Isophorone	9.52	82	772302	21.133	ng/ul	99
23) 2-Nitrophenol	9.71	139	203123	21.068	ng/ul	99
24) 2,4-Dimethylphenol	9.76	107	410622	20.847	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.00	93	463619	20.587	ng/ul	100
27) 2,4-Dichlorophenol	10.23	162	366922	20.673	ng/ul	99
28) Naphthalene	10.64	128	1104249	20.219	ng/ul	100
30) 4-Chloroaniline	10.75	127	407013	21.281	ng/ul	99
31) Hexachlorobutadiene	10.91	225	237186	19.613	ng/ul	98
32) Caprolactam	11.55	113	101995	20.441	ng/ul	95
33) 4-Chloro-3-methylphenol	11.87	107	386618	21.365	ng/ul	99
34) 2-Methylnaphthalene	12.25	142	867382	20.712	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	493594	20.160 ng/ul	99
37) Hexachlorocyclopentadiene	12.59	237	288992	19.841 ng/ul	95
38) 2,4,6-Trichlorophenol	12.86	196	316946	20.831 ng/ul	98
39) 2,4,5-Trichlorophenol	12.93	196	345400	21.252 ng/ul	99
40) 1,1'-Biphenyl	13.27	154	1159307	20.491 ng/ul	99
41) 2-Chloronaphthalene	13.31	162	904745	20.241 ng/ul	99
42) 2-Nitroaniline	13.52	65	234695	21.605 ng/ul	98
44) Dimethylphthalate	13.90	163	1134505	20.111 ng/ul	99
45) 2,6-Dinitrotoluene	14.02	165	231425	21.495 ng/ul	95
47) Acenaphthylene	14.16	152	1345201	20.712 ng/ul	99
48) 3-Nitroaniline	14.35	138	191372	20.304 ng/ul	96
49) Acenaphthene	14.50	153	973927	20.454 ng/ul	99
50) 2,4-Dinitrophenol	14.56	184	96889	17.913 ng/ul	94
52) 4-Nitrophenol	14.66	109	150121	20.135 ng/ul	98
53) Dibenzofuran	14.83	168	1374208	20.270 ng/ul	100
54) 2,4-Dinitrotoluene	14.81	165	326116	20.873 ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.06	232	292786	20.659 ng/ul	100
56) Diethylphthalate	15.26	149	1097646	20.168 ng/ul	99
58) Fluorene	15.49	166	1115859	20.258 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.48	204	606081	20.181 ng/ul	97
60) 4-Nitroaniline	15.52	138	203792	20.342 ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.57	198	182803	19.666 ng/ul	99
64) N-Nitrosodiphenylamine	15.70	169	957245	20.983 ng/ul	100
65) 4-Bromophenyl-phenylether	16.37	248	380259	20.585 ng/ul	99
66) Hexachlorobenzene	16.48	284	427994	20.216 ng/ul	98
67) Atrazine	16.65	200	330556	19.972 ng/ul	98
68) Pentachlorophenol	16.83	266	206143	19.419 ng/ul	97
69) Phenanthrene	17.23	178	1691844	20.308 ng/ul	99
71) Anthracene	17.32	178	1725731	20.327 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.23	216	492997	20.804 ng/uL	99
73) Pentachlorobenzene	14.75	250	505220	20.720 ng/uL	99
74) Carbazole	17.59	167	1424784	20.363 ng/ul	99
75) Di-n-butylphthalate	18.14	149	1692300	20.146 ng/ul	100
76) Fluoranthene	19.24	202	1849139	20.542 ng/ul	99
79) Pyrene	19.60	202	1879384	20.794 ng/ul	99
80) Butylbenzylphthalate	20.50	149	688829	20.589 ng/ul	98
81) 3,3'-Dichlorobenzidine	21.29	252	582580	20.332 ng/ul	99
82) Benzo(a)anthracene	21.35	228	1768506	20.291 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.27	149	977883	20.529 ng/ul	100
84) Chrysene	21.40	228	1653415	20.255 ng/ul	99
86) Di-n-octyl phthalate	22.17	149	1618584	21.039 ng/ul	100
87) Benzo(b)fluoranthene	22.96	252	1735174	20.517 ng/ul	100
88) Benzo(k)fluoranthene	23.00	252	1631768	20.056 ng/ul	100
90) Benzo(a)pyrene	23.54	252	1627147	20.441 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.95	276	1924355	20.530 ng/ul	99
92) Dibenzo(a,h)anthracene	25.96	278	1620512	20.551 ng/ul	99
93) Benzo(g,h,i)perylene	26.66	276	1578694	20.450 ng/ul	99

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

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