Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010920\
Data File : BM024445.D
Acq On : 10 Jan 2020 04:01
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02013

Quant Time: Jan 10 06:55:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 10 06:51:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	279537	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	1077206	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	660731	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	1424295	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	1451550	20.00	ng/ul	0.00
86) Perylene-d12	23.22	264	1667400	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	64061	9.89	ng/uL	0.00
5) Phenol-d5	6.68	99	406893	18.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.84	67	250408	19.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	355263	19.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	318014	18.14	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	171139	21.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	133355	17.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.88	165	335226	19.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	338063	17.64	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	984223	20.74	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	1222770	19.96	ng/ul	0.00
52) 4-Nitrophenol-d4	14.35	143	160420	19.17	ng/ul	0.00
58) Fluorene-d10	15.14	176	870878	20.70	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	95943	15.03	ng/ul	0.00
71) Anthracene-d10	16.98	188	1326497	19.89	ng/ul	0.00
79) Pyrene-d10	19.29	212	1484167	19.14	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.09	264	1661491	19.52	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	63020	9.674	ng/uL#	92
4) Benzaldehyde	6.64	77	178873	14.817	ng/ul	96
6) Phenol	6.70	94	423967	19.058	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.93	93	343012	19.675	ng/ul	98
10) 2-Chlorophenol	7.06	128	359342	19.537	ng/ul	96
11) 2-Methylphenol	7.94	108	309943	18.522	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.03	45	442558	18.870	ng/ul	99
14) Acetophenone	8.30	105	545875	20.242	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.30	70	262935	19.278	ng/ul	96
16) 4-Methylphenol	8.26	108	334374	18.665	ng/ul	99
17) Hexachloroethane	8.56	117	165516	20.641	ng/ul	99
20) Nitrobenzene	8.67	77	415407	20.933	ng/ul	99
21) Isophorone	9.20	82	715497	19.754	ng/ul	99
23) 2-Nitrophenol	9.37	139	157278	18.426	ng/ul	98
24) 2,4-Dimethylphenol	9.45	107	374185	19.263	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.69	93	434907	20.049	ng/ul	98
27) 2,4-Dichlorophenol	9.91	162	320948	19.733	ng/ul	98
28) Naphthalene	10.30	128	1133529	20.358	ng/ul	99
30) 4-Chloroaniline	10.41	127	337973	18.026	ng/ul	98
31) Hexachlorobutadiene	10.61	225	253915	21.505	ng/ul	98
32) Caprolactam	11.16	113	90248	18.243	ng/ul	95
33) 4-Chloro-3-methylphenol	11.55	107	325624	19.156	ng/ul	98
34) 2-Methylnaphthalene	11.93	142	778084	20.172	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.15	142	782275	20.267 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.30	216	439021	20.251 ng/ul	98
38) Hexachlorocyclopentadiene	12.30	237	367003	23.124 ng/ul	97
39) 2,4,6-Trichlorophenol	12.55	196	238426	18.581 ng/ul	99
40) 2,4,5-Trichlorophenol	12.62	196	262997	19.067 ng/ul	99
41) 1,1'-Biphenyl	12.96	154	1008068	19.886 ng/ul	98
42) 2-Chloronaphthalene	12.99	162	821805	20.228 ng/ul	98
43) 2-Nitroaniline	13.20	65	205280	20.824 ng/ul	95
45) Dimethylphthalate	13.60	163	1002712	20.590 ng/ul	99
46) 2,6-Dinitrotoluene	13.71	165	194558	22.273 ng/ul	93
48) Acenaphthylene	13.85	152	1281425	20.294 ng/ul	99
49) 3-Nitroaniline	14.03	138	139693	17.229 ng/ul#	96
50) Acenaphthene	14.20	153	838752	19.978 ng/ul	98
51) 2,4-Dinitrophenol	14.25	184	98667	26.292 ng/ul#	87
53) 4-Nitrophenol	14.36	109	156426	21.431 ng/ul	90
54) Dibenzofuran	14.54	168	1204234	20.774 ng/ul	97
55) 2,4-Dinitrotoluene	14.50	165	284240	23.456 ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.77	232	215351	19.527 ng/ul#	96
57) Diethylphthalate	14.99	149	1026549	21.438 ng/ul	99
59) Fluorene	15.19	166	991731	20.713 ng/ul	96
60) 4-Chlorophenyl-phenylether	15.20	204	530885	21.257 ng/ul	93
61) 4-Nitroaniline	15.20	138	162745	16.811 ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.27	198	109247	15.627 ng/ul	98
65) N-Nitrosodiphenylamine	15.41	169	805076	19.011 ng/ul	99
66) 4-Bromophenyl-phenylether	16.09	248	319575	19.938 ng/ul	96
67) Hexachlorobenzene	16.20	284	376241	20.199 ng/ul	98
68) Atrazine	16.37	200	302762	19.235 ng/ul	100
69) Pentachlorophenol	16.54	266	174169	17.205 ng/ul	98
70) Phenanthrene	16.93	178	1565503	20.154 ng/ul	98
72) Anthracene	17.02	178	1589557	19.970 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.92	216	434099	19.176 ng/uL	98
74) Pentachlorobenzene	14.46	250	432206	19.825 ng/uL	98
75) Carbazole	17.29	167	1355968	19.736 ng/ul	99
76) Di-n-butylphthalate	17.89	149	1664544	20.684 ng/ul	99
77) Fluoranthene	18.95	202	1852700	20.506 ng/ul	98
80) Pyrene	19.32	202	1925345	19.183 ng/ul	99
81) Butylbenzylphthalate	20.26	149	566514	15.682 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.02	252	430839	12.879 ng/ul	98
83) Benzo(a)anthracene	21.07	228	1972582	19.944 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.06	149	1009163	18.362 ng/ul	98
85) Chrysene	21.13	228	1900922	19.921 ng/ul	99
87) Di-n-octyl phthalate	21.92	149	1660026	17.923 ng/ul	100
88) Benzo(b)fluoranthene	22.60	252	2009952	19.744 ng/ul	98
89) Benzo(k)fluoranthene	22.64	252	2016028	20.200 ng/ul	99
91) Benzo(a)pyrene	23.13	252	1867033	19.782 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.32	276	2379828	19.568 ng/ul	99
93) Dibenzo(a,h)anthracene	25.33	278	2038347	19.767 ng/ul	98
94) Benzo(g,h,i)perylene	25.95	276	1965872	19.277 ng/ul	99

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

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