Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021120\
Data File : BM024832.D
Acq On : 11 Feb 2020 12:29
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02011

Quant Time: Feb 12 04:04:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 11 07:17:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	214739	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	848269	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	594520	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1357946	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1398796	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	1583708	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	40697	9.12	ng/uL	0.00
5) Phenol-d5	6.60	99	314723	22.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	178256	22.12	ng/ul	0.00
9) 2-Chlorophenol-d4	6.94	132	286908	22.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	260789	21.67	ng/ul	0.00
19) Nitrobenzene-d5	8.54	128	139215	22.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	161923	22.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	324682	22.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.30	131	352883	25.80	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	963479	21.47	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1101355	21.01	ng/ul	0.00
52) 4-Nitrophenol-d4	14.28	143	159115	21.82	ng/ul	0.00
58) Fluorene-d10	15.06	176	846518	21.30	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	167007	18.87	ng/ul	0.00
71) Anthracene-d10	16.91	188	1351467	21.80	ng/ul	0.00
79) Pyrene-d10	19.22	212	1560554	22.30	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	1753384	22.04	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.05	88	39334	8.355	ng/uL	99
4) Benzaldehyde	6.56	77	127498	13.589	ng/ul	95
6) Phenol	6.63	94	341914	22.771	ng/ul	96
8) Bis(2-Chloroethyl)ether	6.85	93	268761	22.166	ng/ul	98
10) 2-Chlorophenol	6.97	128	300101	23.031	ng/ul	100
11) 2-Methylphenol	7.85	108	261326	22.422	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.93	45	219581	23.029	ng/ul	98
14) Acetophenone	8.22	105	428505	22.590	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.21	70	209317	23.347	ng/ul	97
16) 4-Methylphenol	8.18	108	282082	22.417	ng/ul	98
17) Hexachloroethane	8.46	117	129450	22.032	ng/ul	97
20) Nitrobenzene	8.58	77	319993	21.972	ng/ul	98
21) Isophorone	9.11	82	582259	22.046	ng/ul	97
23) 2-Nitrophenol	9.29	139	177154	22.709	ng/ul	95
24) 2,4-Dimethylphenol	9.37	107	324016	22.233	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.60	93	367796	22.201	ng/ul	99
27) 2,4-Dichlorophenol	9.82	162	329000	22.784	ng/ul	99
28) Naphthalene	10.21	128	935814	21.592	ng/ul	99
30) 4-Chloroaniline	10.32	127	367792	26.943	ng/ul	100
31) Hexachlorobutadiene	10.51	225	252263	21.032	ng/ul	97
32) Caprolactam	11.09	113	80973	21.392	ng/ul	90
33) 4-Chloro-3-methylphenol	11.47	107	300708	22.444	ng/ul	96
34) 2-Methylnaphthalene	11.83	142	728780	22.827	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.06	142	691035	21.703 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.22	216	458005	21.785 ng/ul	98
38) Hexachlorocyclopentadiene	12.20	237	231661	15.626 ng/ul	98
39) 2,4,6-Trichlorophenol	12.47	196	284631	21.995 ng/ul	96
40) 2,4,5-Trichlorophenol	12.54	196	305611	22.595 ng/ul	99
41) 1,1'-Biphenyl	12.87	154	968873	22.076 ng/ul	99
42) 2-Chloronaphthalene	12.91	162	770978	21.515 ng/ul	99
43) 2-Nitroaniline	13.12	65	178479	23.620 ng/ul	99
45) Dimethylphthalate	13.53	163	984803	21.036 ng/ul	100
46) 2,6-Dinitrotoluene	13.64	165	203967	21.546 ng/ul	96
48) Acenaphthylene	13.77	152	1154753	21.272 ng/ul	99
49) 3-Nitroaniline	13.96	138	171648	24.072 ng/ul	94
50) Acenaphthene	14.12	153	795574	21.701 ng/ul	98
51) 2,4-Dinitrophenol	14.18	184	104602	18.137 ng/ul	94
53) 4-Nitrophenol	14.29	109	130008	21.829 ng/ul	93
54) Dibenzofuran	14.46	168	1210950	22.159 ng/ul	99
55) 2,4-Dinitrotoluene	14.43	165	297462	22.017 ng/ul#	99
56) 2,3,4,6-Tetrachlorophenol	14.69	232	287660	21.765 ng/ul	96
57) Diethylphthalate	14.92	149	982565	21.212 ng/ul	99
59) Fluorene	15.12	166	960024	21.315 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.12	204	543667	20.965 ng/ul	99
61) 4-Nitroaniline	15.13	138	193003	21.856 ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.21	198	186441	19.679 ng/ul	96
65) N-Nitrosodiphenylamine	15.33	169	855412	22.551 ng/ul	99
66) 4-Bromophenyl-phenylether	16.02	248	367148	21.577 ng/ul	99
67) Hexachlorobenzene	16.13	284	429314	21.349 ng/ul	99
68) Atrazine	16.30	200	339316	20.819 ng/ul	99
69) Pentachlorophenol	16.47	266	242411	20.145 ng/ul	98
70) Phenanthrene	16.85	178	1596870	21.567 ng/ul	99
72) Anthracene	16.94	178	1613684	21.490 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.84	216	457478	20.517 ng/uL	97
74) Pentachlorobenzene	14.39	250	483230	20.421 ng/uL	98
75) Carbazole	17.22	167	1395973	22.315 ng/ul	100
76) Di-n-butylphthalate	17.81	149	1747463	21.954 ng/ul	100
77) Fluoranthene	18.88	202	1976297	21.743 ng/ul	99
80) Pyrene	19.24	202	2015799	21.771 ng/ul	98
81) Butylbenzylphthalate	20.19	149	819946	23.675 ng/ul	97
82) 3,3'-Dichlorobenzidine	20.95	252	706434	21.605 ng/ul	99
83) Benzo(a)anthracene	21.01	228	2111522	22.410 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.98	149	1220133	22.257 ng/ul	99
85) Chrysene	21.06	228	1992348	21.478 ng/ul	100
87) Di-n-octyl phthalate	21.83	149	2040876	21.565 ng/ul	100
88) Benzo(b)fluoranthene	22.51	252	2268184	22.523 ng/ul	99
89) Benzo(k)fluoranthene	22.55	252	2032990	20.974 ng/ul	99
91) Benzo(a)pyrene	23.04	252	2074897	22.981 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.18	276	2481114	22.074 ng/ul	97
93) Dibenzo(a,h)anthracene	25.19	278	2105553	21.986 ng/ul	99
94) Benzo(g,h,i)perylene	25.80	276	2073250	22.177 ng/ul	99

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

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