Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
Data File : BM025019.D
Acq On : 22 Feb 2020 10:32
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02010

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Quant Time: Feb 24 05:43:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 24 03:25:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	173769	20.00	ng/ul	0.00
18) Naphthalene-d8	10.09	136	733705	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.99	164	514831	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.75	188	1204385	20.00	ng/ul	0.00
78) Chrysene-d12	20.96	240	1428851	20.00	ng/ul	0.00
86) Perylene-d12	23.04	264	1595250	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.94	96	33872	9.38	ng/uL	0.00
5) Phenol-d5	6.54	99	283532	24.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.69	67	166570	25.55	ng/ul	0.00
9) 2-Chlorophenol-d4	6.87	132	235192	22.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.06	113	236119	24.24	ng/ul	0.00
19) Nitrobenzene-d5	8.47	128	112725	21.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.19	143	129023	20.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.73	165	262344	20.75	ng/ul	0.00
29) 4-Chloroaniline-d4	10.23	131	276390	23.36	ng/ul	0.00
44) Dimethylphthalate-d6	13.42	166	797099	20.51	ng/ul	0.00
47) Acenaphthylene-d8	13.67	160	981284	21.62	ng/ul	0.00
52) 4-Nitrophenol-d4	14.23	143	129205	20.46	ng/ul	0.00
58) Fluorene-d10	15.00	176	727973	21.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.13	200	142733	18.18	ng/ul	0.00
71) Anthracene-d10	16.84	188	1150440	20.92	ng/ul	0.00
79) Pyrene-d10	19.16	212	1395762	19.53	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.91	264	1713790	21.39	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.98	88	35678	9.365	ng/uL#	84
4) Benzaldehyde	6.49	77	113700	14.976	ng/ul	98
6) Phenol	6.56	94	301372	24.803	ng/ul	93
8) Bis(2-Chloroethyl)ether	6.78	93	234692	23.920	ng/ul	98
10) 2-Chlorophenol	6.91	128	238457	22.615	ng/ul	98
11) 2-Methylphenol	7.79	108	222124	23.552	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	7.88	45	128461m	16.649	ng/ul	
14) Acetophenone	8.15	105	363936	23.710	ng/ul#	93
15) N-Nitroso-di-n-propylamine	8.15	70	196053	27.023	ng/ul#	82
16) 4-Methylphenol	8.12	108	246519	24.209	ng/ul	94
17) Hexachloroethane	8.39	117	99658	20.961	ng/ul	93
20) Nitrobenzene	8.52	77	290683	23.076	ng/ul	95
21) Isophorone	9.05	82	540350	23.654	ng/ul	93
23) 2-Nitrophenol	9.22	139	138725	20.560	ng/ul	93
24) 2,4-Dimethylphenol	9.30	107	272947	21.653	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.53	93	318311	22.215	ng/ul	98
27) 2,4-Dichlorophenol	9.75	162	251270	20.119	ng/ul	97
28) Naphthalene	10.14	128	796342	21.243	ng/ul	99
30) 4-Chloroaniline	10.26	127	277796	23.528	ng/ul	98
31) Hexachlorobutadiene	10.44	225	178194	17.176	ng/ul	97
32) Caprolactam	11.03	113	77454m	23.658	ng/ul	
33) 4-Chloro-3-methylphenol	11.40	107	262398	22.643	ng/ul	97
34) 2-Methylnaphthalene	11.77	142	569263	20.615	ng/ul	100

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35) 1-Methylnaphthalene	11.99	142	582777	21.161	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.15	216	344613	18.929	ng/ul	96
38) Hexachlorocyclopentadiene	12.13	237	170362	13.270	ng/ul	94
39) 2,4,6-Trichlorophenol	12.40	196	221471	19.763	ng/ul	95
40) 2,4,5-Trichlorophenol	12.48	196	235875	20.139	ng/ul	96
41) 1,1'-Biphenyl	12.82	154	773764	20.359	ng/ul#	97
42) 2-Chloronaphthalene	12.85	162	638476	20.575	ng/ul	99
43) 2-Nitroaniline	13.06	65	155168	23.714	ng/ul	93
45) Dimethylphthalate	13.47	163	806544	19.895	ng/ul	99
46) 2,6-Dinitrotoluene	13.58	165	168338	20.535	ng/ul	99
48) Acenaphthylene	13.70	152	1010805	21.502	ng/ul	99
49) 3-Nitroaniline	13.91	138	119343	19.327	ng/ul#	81
50) Acenaphthene	14.06	153	676304	21.303	ng/ul	97
51) 2,4-Dinitrophenol	14.12	184	78967	15.812	ng/ul	95
53) 4-Nitrophenol	14.24	109	98811	19.159	ng/ul	93
54) Dibenzofuran	14.40	168	976447	20.633	ng/ul	98
55) 2,4-Dinitrotoluene	14.38	165	244574	20.904	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.63	232	231925	20.265	ng/ul	98
57) Diethylphthalate	14.86	149	776796	19.365	ng/ul	98
59) Fluorene	15.05	166	815306	20.904	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.06	204	430752	19.182	ng/ul	97
61) 4-Nitroaniline	15.08	138	140499	18.373	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.15	198	150513	17.912	ng/ul	97
65) N-Nitrosodiphenylamine	15.27	169	694099	20.632	ng/ul	99
66) 4-Bromophenyl-phenylether	15.96	248	278818	18.475	ng/ul	96
67) Hexachlorobenzene	16.06	284	345276	19.359	ng/ul	99
68) Atrazine	16.24	200	271263	18.766	ng/ul	100
69) Pentachlorophenol	16.41	266	201465	18.877	ng/ul	98
70) Phenanthrene	16.79	178	1374386	20.929	ng/ul	100
72) Anthracene	16.88	178	1397661	20.986	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.77	216	351422	17.770	ng/uL	96
74) Pentachlorobenzene	14.32	250	372160	17.732	ng/uL	100
75) Carbazole	17.16	167	1157902	20.869	ng/ul	100
76) Di-n-butylphthalate	17.76	149	1298555	18.395	ng/ul	100
77) Fluoranthene	18.82	202	1730148	21.462	ng/ul	97
80) Pyrene	19.19	202	1821138	19.255	ng/ul#	94
81) Butylbenzylphthalate	20.13	149	632964	17.892	ng/ul	94
82) 3,3'-Dichlorobenzidine	20.89	252	521185	15.604	ng/ul	97
83) Benzo(a)anthracene	20.95	228	1847572	19.196	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	20.93	149	922078	16.466	ng/ul	99
85) Chrysene	21.00	228	1862973	19.661	ng/ul	100
87) Di-n-octyl phthalate	21.77	149	1598971	16.773	ng/ul	100
88) Benzo(b)fluoranthene	22.43	252	2095310	20.656	ng/ul	99
89) Benzo(k)fluoranthene	22.47	252	1932371	19.791	ng/ul	99
91) Benzo(a)pyrene	22.95	252	1881711	20.691	ng/ul#	99
92) Indeno(1,2,3-cd)pyrene	25.05	276	2406269	21.253	ng/ul	97
93) Dibenzo(a,h)anthracene	25.07	278	2013995	20.878	ng/ul	99
94) Benzo(g,h,i)perylene	25.66	276	2025822	21.513	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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