Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021920\
Data File : BM024973.D
Acq On : 20 Feb 2020 08:39
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02026

Manual Integrations APPROVED
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2/20/2020 3:13:21 PM

Quant Time: Feb 20 10:03:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 03:36:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	348295	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.13	136	1259061	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.03	164	784890	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.79	188	1677289	20.00	ng/ul	-0.01
78) Chrysene-d12	21.00	240	1749443	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	1858836	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	73080	10.09	ng/uL	-0.01
5) Phenol-d5	6.59	99	521719	22.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.74	67	325003	24.87	ng/ul	-0.01
9) 2-Chlorophenol-d4	6.93	132	444605	21.45	ng/ul	-0.01
13) 4-Methylphenol-d8	8.10	113	408621	20.93	ng/ul	-0.01
19) Nitrobenzene-d5	8.52	128	203931	22.40	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.23	143	232871	21.65	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.77	165	448892	20.69	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.28	131	447211	22.03	ng/ul	0.00
44) Dimethylphthalate-d6	13.46	166	1201313	20.28	ng/ul	-0.01
47) Acenaphthylene-d8	13.72	160	1495079	21.61	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.26	143	186526	19.37	ng/ul	-0.01
58) Fluorene-d10	15.03	176	1080764	20.60	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.17	200	196064	17.93	ng/ul	-0.01
71) Anthracene-d10	16.89	188	1608759	21.01	ng/ul	-0.01
79) Pyrene-d10	19.19	212	1808185	20.66	ng/ul	-0.01
90) Benzo(a)pyrene-d12	22.97	264	1982234	21.23	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.06	88	75647	9.907	ng/uL#	86
4) Benzaldehyde	6.55	77	225176	14.797	ng/ul	99
6) Phenol	6.61	94	541046	22.216	ng/ul	96
8) Bis(2-Chloroethyl)ether	6.83	93	452925	23.031	ng/ul	99
10) 2-Chlorophenol	6.96	128	448382	21.216	ng/ul	96
11) 2-Methylphenol	7.83	108	398163	21.063	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	7.91	45	229040m	14.810	ng/ul	
14) Acetophenone	8.20	105	641487	20.851	ng/ul#	95
15) N-Nitroso-di-n-propylamine	8.19	70	307355	21.136	ng/ul#	83
16) 4-Methylphenol	8.16	108	419402	20.549	ng/ul	97
17) Hexachloroethane	8.44	117	211699	22.215	ng/ul	89
20) Nitrobenzene	8.56	77	519589	24.036	ng/ul	94
21) Isophorone	9.09	82	891632	22.745	ng/ul	94
23) 2-Nitrophenol	9.26	139	241959	20.897	ng/ul#	91
24) 2,4-Dimethylphenol	9.35	107	455963	21.079	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.57	93	571235	23.231	ng/ul	98
27) 2,4-Dichlorophenol	9.80	162	430929	20.106	ng/ul	98
28) Naphthalene	10.18	128	1371608	21.321	ng/ul	100
30) 4-Chloroaniline	10.30	127	440214	21.727	ng/ul	100
31) Hexachlorobutadiene	10.48	225	350489	19.687	ng/ul	97
32) Caprolactam	11.07	113	107322m	19.103	ng/ul	
33) 4-Chloro-3-methylphenol	11.45	107	405236	20.378	ng/ul	99
34) 2-Methylnaphthalene	11.81	142	956377	20.182	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.03	142	954539	20.198	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.19	216	588240	21.193	ng/ul	98
38) Hexachlorocyclopentadiene	12.18	237	357097	18.244	ng/ul	97
39) 2,4,6-Trichlorophenol	12.45	196	350724	20.529	ng/ul	96
40) 2,4,5-Trichlorophenol	12.52	196	369710	20.704	ng/ul	98
41) 1,1'-Biphenyl	12.85	154	1234294	21.302	ng/ul#	97
42) 2-Chloronaphthalene	12.89	162	1025578	21.678	ng/ul	97
43) 2-Nitroaniline	13.10	65	239146	23.973	ng/ul	95
45) Dimethylphthalate	13.50	163	1224374	19.810	ng/ul	99
46) 2,6-Dinitrotoluene	13.62	165	254833	20.390	ng/ul	93
48) Acenaphthylene	13.74	152	1519985	21.208	ng/ul	99
49) 3-Nitroaniline	13.94	138	184553	19.604	ng/ul	87
50) Acenaphthene	14.10	153	1010631	20.881	ng/ul	97
51) 2,4-Dinitrophenol	14.16	184	169392	22.248	ng/ul	95
53) 4-Nitrophenol	14.27	109	145980	18.566	ng/ul	92
54) Dibenzofuran	14.44	168	1483849	20.567	ng/ul	98
55) 2,4-Dinitrotoluene	14.42	165	357147	20.023	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.67	232	333935	19.138	ng/ul#	97
57) Diethylphthalate	14.89	149	1171033	19.149	ng/ul	99
59) Fluorene	15.09	166	1193949	20.079	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.10	204	657270	19.198	ng/ul	98
61) 4-Nitroaniline	15.12	138	180966	15.523	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.19	198	206910	17.681	ng/ul	99
65) N-Nitrosodiphenylamine	15.32	169	996970	21.279	ng/ul	98
66) 4-Bromophenyl-phenylether	15.99	248	423785	20.164	ng/ul	100
67) Hexachlorobenzene	16.10	284	508544	20.474	ng/ul	99
68) Atrazine	16.29	200	385562	19.153	ng/ul	98
69) Pentachlorophenol	16.45	266	272635	18.343	ng/ul	99
70) Phenanthrene	16.83	178	1895706	20.729	ng/ul	100
72) Anthracene	16.92	178	1903554	20.524	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.81	216	578416	21.001	ng/uL	99
74) Pentachlorobenzene	14.36	250	578702	19.799	ng/uL	99
75) Carbazole	17.20	167	1565495	20.260	ng/ul	100
76) Di-n-butylphthalate	17.79	149	1923923	19.569	ng/ul	100
77) Fluoranthene	18.86	202	2217998	19.756	ng/ul#	95
80) Pyrene	19.22	202	2317525	20.013	ng/ul#	94
81) Butylbenzylphthalate	20.16	149	833940	19.253	ng/ul	92
82) 3,3'-Dichlorobenzidine	20.93	252	634228	15.509	ng/ul	99
83) Benzo(a)anthracene	20.99	228	2276840	19.321	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.96	149	1243644	18.139	ng/ul	100
85) Chrysene	21.04	228	2213091	19.076	ng/ul	99
87) Di-n-octyl phthalate	21.81	149	2038083	18.348	ng/ul	100
88) Benzo(b)fluoranthene	22.49	252	2372912	20.075	ng/ul	99
89) Benzo(k)fluoranthene	22.53	252	2396402	21.064	ng/ul	99
91) Benzo(a)pyrene	23.01	252	2166371	20.443	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.14	276	2765376	20.961	ng/ul	97
93) Dibenzo(a,h)anthracene	25.15	278	2326034	20.693	ng/ul	98
94) Benzo(g,h,i)perylene	25.75	276	2291394	20.883	ng/ul	98

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

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