Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024779.D
Acq On : 08 Feb 2020 01:53
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02005

Manual Integrations APPROVED
mohammad
2/11/2020 8:22:11 AM

Quant Time: Feb 08 02:44:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 22:29:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	238815	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	941415	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	669769	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	1593626	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	1530239	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	1657000	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.01	96	40968	8.25	ng/uL	0.00
5) Phenol-d5	6.60	99	334882	21.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	194525	21.71	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	309599	21.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	286991	21.44	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	148650	21.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	174101	21.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	348088	21.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.30	131	331882	21.87	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	1119898	22.15	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	1270605	21.52	ng/ul	0.00
52) 4-Nitrophenol-d4	14.28	143	181521	22.10	ng/ul	0.00
58) Fluorene-d10	15.06	176	973420	21.74	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	205089	19.74	ng/ul	0.00
71) Anthracene-d10	16.91	188	1549387	21.30	ng/ul	0.00
79) Pyrene-d10	19.22	212	1719204	22.46	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	1796902	21.59	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.05	88	42381	8.094	ng/uL	93
4) Benzaldehyde	6.56	77	232481	22.281	ng/ul	96
6) Phenol	6.63	94	348936	20.896	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.85	93	287424	21.316	ng/ul	97
10) 2-Chlorophenol	6.97	128	308674	21.301	ng/ul	99
11) 2-Methylphenol	7.86	108	276187	21.308	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	7.94	45	241091	22.736	ng/ul	99
14) Acetophenone	8.22	105	447784	21.227	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.22	70	223726	22.438	ng/ul	99
16) 4-Methylphenol	8.19	108	301439	21.540	ng/ul	97
17) Hexachloroethane	8.46	117	140199	21.456	ng/ul	95
20) Nitrobenzene	8.59	77	337007	20.850	ng/ul	98
21) Isophorone	9.12	82	645116	22.009	ng/ul	99
23) 2-Nitrophenol	9.29	139	190837	22.043	ng/ul	95
24) 2,4-Dimethylphenol	9.37	107	350038	21.642	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.60	93	399926	21.752	ng/ul	100
27) 2,4-Dichlorophenol	9.82	162	344910	21.523	ng/ul	98
28) Naphthalene	10.21	128	1023980	21.288	ng/ul	99
30) 4-Chloroaniline	10.33	127	328613	21.691	ng/ul	97
31) Hexachlorobutadiene	10.52	225	273958	20.580	ng/ul	97
32) Caprolactam	11.09	113	100784m	23.992	ng/ul	
33) 4-Chloro-3-methylphenol	11.47	107	337582	22.703	ng/ul	97
34) 2-Methylnaphthalene	11.84	142	757097	21.368	ng/ul	100

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35) 1-Methylnaphthalene	12.06	142	759969	21.507	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.22	216	493244	20.825	ng/ul	98
38) Hexachlorocyclopentadiene	12.21	237	293102	17.549	ng/ul	97
39) 2,4,6-Trichlorophenol	12.47	196	321304	22.039	ng/ul	97
40) 2,4,5-Trichlorophenol	12.55	196	344883	22.634	ng/ul	100
41) 1,1'-Biphenyl	12.88	154	1038430	21.002	ng/ul	99
42) 2-Chloronaphthalene	12.92	162	847729	20.999	ng/ul	100
43) 2-Nitroaniline	13.13	65	195468	22.962	ng/ul	96
45) Dimethylphthalate	13.53	163	1163608	22.063	ng/ul	100
46) 2,6-Dinitrotoluene	13.64	165	243429	22.825	ng/ul	97
48) Acenaphthylene	13.77	152	1314171	21.488	ng/ul	99
49) 3-Nitroaniline	13.97	138	187814	23.380	ng/ul	96
50) Acenaphthene	14.12	153	886975	21.476	ng/ul	99
51) 2,4-Dinitrophenol	14.18	184	128488	19.776	ng/ul	97
53) 4-Nitrophenol	14.30	109	144968	21.607	ng/ul	90
54) Dibenzofuran	14.46	168	1311366	21.300	ng/ul	100
55) 2,4-Dinitrotoluene	14.44	165	348063	22.868	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.70	232	335433	22.529	ng/ul	99
57) Diethylphthalate	14.92	149	1157978	22.190	ng/ul	99
59) Fluorene	15.12	166	1114399	21.963	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.12	204	629235	21.538	ng/ul	98
61) 4-Nitroaniline	15.14	138	226858	22.804	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.21	198	223922	20.139	ng/ul	97
65) N-Nitrosodiphenylamine	15.34	169	961237	21.593	ng/ul	99
66) 4-Bromophenyl-phenylether	16.02	248	424017	21.234	ng/ul	99
67) Hexachlorobenzene	16.13	284	502168	21.278	ng/ul	99
68) Atrazine	16.31	200	396954	20.754	ng/ul	99
69) Pentachlorophenol	16.47	266	294448	20.851	ng/ul	98
70) Phenanthrene	16.86	178	1830318	21.064	ng/ul	99
72) Anthracene	16.94	178	1871219	21.234	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.84	216	530064	20.256	ng/uL	97
74) Pentachlorobenzene	14.39	250	582603	20.979	ng/uL	100
75) Carbazole	17.22	167	1539437	20.969	ng/ul	100
76) Di-n-butylphthalate	17.82	149	2032972	21.764	ng/ul	99
77) Fluoranthene	18.88	202	2224417	20.853	ng/ul	99
80) Pyrene	19.24	202	2281519	22.524	ng/ul	98
81) Butylbenzylphthalate	20.19	149	897314	23.684	ng/ul	98
82) 3,3'-Dichlorobenzidine	20.95	252	760429	21.259	ng/ul	97
83) Benzo(a)anthracene	21.01	228	2226371	21.599	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.98	149	1391198	23.198	ng/ul	99
85) Chrysene	21.06	228	2147365	21.161	ng/ul	100
87) Di-n-octyl phthalate	21.83	149	2305765	23.286	ng/ul	100
88) Benzo(b)fluoranthene	22.51	252	2335603	22.167	ng/ul	99
89) Benzo(k)fluoranthene	22.55	252	2134156	21.043	ng/ul	99
91) Benzo(a)pyrene	23.04	252	2015661	21.338	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.18	276	2505102	21.301	ng/ul	99
93) Dibenzo(a,h)anthracene	25.19	278	2118086	21.138	ng/ul	99
94) Benzo(g,h,i)perylene	25.80	276	2078531	21.251	ng/ul	100

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

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