Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
Data File : BM024543.D
Acq On : 18 Jan 2020 19:34
Operator : JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02025

Manual Integrations APPROVED
mohammad
1/21/2020 8:00:10 AM

Quant Time: Jan 20 06:11:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 20 03:25:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	206315	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	957342	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	703726	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	1629248	20.00	ng/ul	0.00
78) Chrysene-d12	21.06	240	1645048	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	1669823	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	29382	6.96	ng/uL	0.00
5) Phenol-d5	6.65	99	324060	21.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	176777	20.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	284213	21.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	295186	20.93	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	146293	21.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	176313	24.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	344902	21.04	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	357888	19.63	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	1087803	19.73	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	1300594	20.50	ng/ul	0.00
52) 4-Nitrophenol-d4	14.32	143	201238	21.87	ng/ul	0.00
58) Fluorene-d10	15.10	176	952990	19.63	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.23	200	188717	20.29	ng/ul	0.00
71) Anthracene-d10	16.95	188	1534908	20.26	ng/ul	0.00
79) Pyrene-d10	19.26	212	1767363	20.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.05	264	1801988	20.81	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	30748	7.013	ng/uL	94
4) Benzaldehyde	6.61	77	130272	16.062	ng/ul	98
6) Phenol	6.68	94	327344	21.065	ng/ul	93
8) Bis(2-Chloroethyl)ether	6.90	93	251079	20.629	ng/ul	99
10) 2-Chlorophenol	7.03	128	283771	21.710	ng/ul	99
11) 2-Methylphenol	7.90	108	265729	20.863	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	7.99	45	312691	21.739	ng/ul	97
14) Acetophenone	8.27	105	450992	20.376	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.26	70	226735	21.667	ng/ul	97
16) 4-Methylphenol	8.23	108	299249	21.099	ng/ul	98
17) Hexachloroethane	8.52	117	119479	20.482	ng/ul	96
20) Nitrobenzene	8.63	77	333530	20.489	ng/ul	95
21) Isophorone	9.16	82	659206	20.567	ng/ul	98
23) 2-Nitrophenol	9.34	139	183262	23.007	ng/ul	91
24) 2,4-Dimethylphenol	9.42	107	357392	20.673	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.65	93	384031	20.825	ng/ul	97
27) 2,4-Dichlorophenol	9.88	162	328900	20.675	ng/ul	98
28) Naphthalene	10.26	128	991465	20.215	ng/ul	99
30) 4-Chloroaniline	10.38	127	351221	19.602	ng/ul	100
31) Hexachlorobutadiene	10.57	225	233495	18.440	ng/ul	97
32) Caprolactam	11.13	113	108119m	22.563	ng/ul	
33) 4-Chloro-3-methylphenol	11.52	107	354151	21.419	ng/ul	98
34) 2-Methylnaphthalene	11.89	142	759443	19.956	ng/ul	100

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35) 1-Methylnaphthalene	12.11	142	770126	19.962	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.27	216	460803	19.903	ng/ul	98
38) Hexachlorocyclopentadiene	12.26	237	218945	13.075	ng/ul	99
39) 2,4,6-Trichlorophenol	12.52	196	309175	21.827	ng/ul	98
40) 2,4,5-Trichlorophenol	12.59	196	324953	21.426	ng/ul	99
41) 1,1'-Biphenyl	12.93	154	1023821	20.039	ng/ul	99
42) 2-Chloronaphthalene	12.96	162	843305	20.518	ng/ul	100
43) 2-Nitroaniline	13.17	65	224009	23.789	ng/ul	95
45) Dimethylphthalate	13.57	163	1113103	19.859	ng/ul	99
46) 2,6-Dinitrotoluene	13.68	165	236360	22.409	ng/ul	96
48) Acenaphthylene	13.82	152	1323333	20.414	ng/ul	100
49) 3-Nitroaniline	14.01	138	182348	20.969	ng/ul	96
50) Acenaphthene	14.17	153	888354	20.248	ng/ul	98
51) 2,4-Dinitrophenol	14.22	184	115168	19.984	ng/ul	95
53) 4-Nitrophenol	14.33	109	175671	20.528	ng/ul	94
54) Dibenzofuran	14.51	168	1284615	19.986	ng/ul	98
55) 2,4-Dinitrotoluene	14.48	165	340572	21.596	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	14.74	232	316341	21.492	ng/ul	99
57) Diethylphthalate	14.96	149	1126115	19.567	ng/ul	99
59) Fluorene	15.16	166	1086290	19.989	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.17	204	596461	19.242	ng/ul	97
61) 4-Nitroaniline	15.18	138	209233	20.172	ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.25	198	197835	20.113	ng/ul#	94
65) N-Nitrosodiphenylamine	15.38	169	922930	20.395	ng/ul	99
66) 4-Bromophenyl-phenylether	16.06	248	378053	19.573	ng/ul	99
67) Hexachlorobenzene	16.17	284	434861	19.605	ng/ul	96
68) Atrazine	16.35	200	380164	19.963	ng/ul	99
69) Pentachlorophenol	16.52	266	273665	20.723	ng/ul	98
70) Phenanthrene	16.90	178	1792347	20.399	ng/ul	100
72) Anthracene	16.99	178	1824730	20.365	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.89	216	469186	20.252	ng/uL	99
74) Pentachlorobenzene	14.43	250	490842	20.013	ng/uL	99
75) Carbazole	17.26	167	1562077	20.720	ng/ul	98
76) Di-n-butylphthalate	17.86	149	1979000	20.880	ng/ul	99
77) Fluoranthene	18.92	202	2230842	20.774	ng/ul	98
80) Pyrene	19.29	202	2273527	20.188	ng/ul	98
81) Butylbenzylphthalate	20.23	149	922626	23.328	ng/ul	98
82) 3,3'-Dichlorobenzidine	20.99	252	630035	17.797	ng/ul	97
83) Benzo(a)anthracene	21.05	228	2264832	20.211	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.02	149	1346221	21.502	ng/ul	100
85) Chrysene	21.10	228	2190854	20.289	ng/ul	99
87) Di-n-octyl phthalate	21.87	149	2338994	20.464	ng/ul	100
88) Benzo(b)fluoranthene	22.56	252	2203624	19.966	ng/ul	99
89) Benzo(k)fluoranthene	22.60	252	2229361	20.553	ng/ul	99
91) Benzo(a)pyrene	23.10	252	1972343	20.564	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.27	276	2018515	20.114	ng/ul	95
93) Dibenzo(a,h)anthracene	25.28	278	1819104	21.358	ng/ul	99
94) Benzo(g,h,i)perylene	25.89	276	1364105	17.103	ng/ul	99

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

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