Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024792.D
Acq On : 08 Feb 2020 10:16
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02006

Manual Integrations APPROVED
mohammad
2/11/2020 8:22:35 AM

Quant Time: Feb 10 00:27:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 07:38:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	301341	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1185954	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	805543	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1723402	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1598739	20.00	ng/ul	-0.01
86) Perylene-d12	23.13	264	1711940	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.01	96	45865	7.32	ng/uL	0.00
5) Phenol-d5	6.60	99	403692	20.17	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.76	67	233537	20.66	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	366733	20.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	340492	20.16	ng/ul	0.00
19) Nitrobenzene-d5	8.54	128	174969	20.40	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.26	143	208230	20.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	410821	20.10	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.30	131	374391	19.58	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	1180115	19.41	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1409384	19.85	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.28	143	188828	19.11	ng/ul	0.00
58) Fluorene-d10	15.06	176	1030660	19.14	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.19	200	206106	18.35	ng/ul	0.00
71) Anthracene-d10	16.91	188	1559807	19.83	ng/ul	0.00
79) Pyrene-d10	19.22	212	1706447	21.34	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.99	264	1715099	19.95	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.05	88	48464	7.336	ng/uL	97
4) Benzaldehyde	6.56	77	270012	20.508	ng/ul	94
6) Phenol	6.63	94	419777	19.922	ng/ul	95
8) Bis(2-Chloroethyl)ether	6.85	93	353044	20.750	ng/ul	97
10) 2-Chlorophenol	6.97	128	372952	20.396	ng/ul	100
11) 2-Methylphenol	7.86	108	331709	20.282	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.93	45	289953	21.670	ng/ul	96
14) Acetophenone	8.22	105	538542	20.232	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.22	70	262163	20.838	ng/ul	98
16) 4-Methylphenol	8.18	108	354912	20.099	ng/ul	100
17) Hexachloroethane	8.46	117	166755	20.225	ng/ul	92
20) Nitrobenzene	8.58	77	404340	19.858	ng/ul	100
21) Isophorone	9.12	82	756281	20.482	ng/ul	98
23) 2-Nitrophenol	9.29	139	227374	20.848	ng/ul	95
24) 2,4-Dimethylphenol	9.37	107	403971	19.826	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.60	93	482349	20.826	ng/ul	98
27) 2,4-Dichlorophenol	9.82	162	400695	19.848	ng/ul	98
28) Naphthalene	10.21	128	1218729	20.113	ng/ul	99
30) 4-Chloroaniline	10.33	127	375061	19.652	ng/ul	99
31) Hexachlorobutadiene	10.52	225	320019	19.084	ng/ul	97
32) Caprolactam	11.09	113	105537m	19.943	ng/ul	
33) 4-Chloro-3-methylphenol	11.47	107	372084	19.864	ng/ul	97
34) 2-Methylnaphthalene	11.83	142	889590	19.930	ng/ul	98

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35) 1-Methylnaphthalene	12.06	142	877261	19.707	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.22	216	568646	19.962	ng/ul	98
38) Hexachlorocyclopentadiene	12.21	237	339563	16.904	ng/ul	96
39) 2,4,6-Trichlorophenol	12.47	196	359595	20.509	ng/ul	99
40) 2,4,5-Trichlorophenol	12.54	196	372414	20.321	ng/ul	99
41) 1,1'-Biphenyl	12.88	154	1182443	19.884	ng/ul	99
42) 2-Chloronaphthalene	12.91	162	973656	20.053	ng/ul	98
43) 2-Nitroaniline	13.13	65	209347	20.448	ng/ul	97
45) Dimethylphthalate	13.53	163	1218607	19.211	ng/ul	99
46) 2,6-Dinitrotoluene	13.64	165	254221	19.820	ng/ul	99
48) Acenaphthylene	13.77	152	1459153	19.838	ng/ul	100
49) 3-Nitroaniline	13.96	138	191616	19.833	ng/ul	95
50) Acenaphthene	14.12	153	978287	19.694	ng/ul	97
51) 2,4-Dinitrophenol	14.18	184	134740	17.243	ng/ul	92
53) 4-Nitrophenol	14.30	109	141411	17.524	ng/ul	92
54) Dibenzofuran	14.46	168	1415242	19.113	ng/ul	99
55) 2,4-Dinitrotoluene	14.44	165	364035	19.886	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.70	232	350129	19.552	ng/ul	98
57) Diethylphthalate	14.92	149	1189034	18.945	ng/ul	99
59) Fluorene	15.12	166	1165454	19.098	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.12	204	660639	18.802	ng/ul	98
61) 4-Nitroaniline	15.14	138	231686	19.364	ng/ul	100
64) 4,6-Dinitro-2-methylphenol	15.21	198	225647	18.766	ng/ul	95
65) N-Nitrosodiphenylamine	15.34	169	994567	20.660	ng/ul	98
66) 4-Bromophenyl-phenylether	16.02	248	443277	20.527	ng/ul	98
67) Hexachlorobenzene	16.13	284	517115	20.262	ng/ul	99
68) Atrazine	16.30	200	403128	19.489	ng/ul	99
69) Pentachlorophenol	16.47	266	294380	19.277	ng/ul	98
70) Phenanthrene	16.85	178	1862256	19.818	ng/ul	99
72) Anthracene	16.94	178	1892714	19.861	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.84	216	599759	21.194	ng/uL	98
74) Pentachlorobenzene	14.39	250	630000	20.978	ng/uL	99
75) Carbazole	17.22	167	1546489	19.479	ng/ul	100
76) Di-n-butylphthalate	17.82	149	2064300	20.435	ng/ul	100
77) Fluoranthene	18.88	202	2221283	19.256	ng/ul	99
80) Pyrene	19.24	202	2277578	21.522	ng/ul	99
81) Butylbenzylphthalate	20.19	149	904534	22.851	ng/ul	99
82) 3,3'-Dichlorobenzidine	20.95	252	752406	20.133	ng/ul	97
83) Benzo(a)anthracene	21.01	228	2149817	19.963	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.98	149	1378278	21.998	ng/ul	99
85) Chrysene	21.06	228	2076528	19.586	ng/ul	99
87) Di-n-octyl phthalate	21.83	149	2254480	22.037	ng/ul	100
88) Benzo(b)fluoranthene	22.51	252	2109066	19.374	ng/ul	99
89) Benzo(k)fluoranthene	22.55	252	2151072	20.530	ng/ul	99
91) Benzo(a)pyrene	23.03	252	1927072	19.745	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.18	276	2374909	19.546	ng/ul	98
93) Dibenzo(a,h)anthracene	25.19	278	2023440	19.546	ng/ul	99
94) Benzo(g,h,i)perylene	25.80	276	2003182	19.823	ng/ul	99

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

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