Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091920\
Data File : BM027478.D
Acq On : 19 Sep 2020 01:03
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02023

Manual Integrations APPROVED
mohammad
9/21/2020 10:48:08 AM

Quant Time: Sep 19 01:37:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 19 01:29:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	156779	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	628598	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.15	164	456152	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	1023432	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	890598	20.00	ng/ul	0.00
86) Perylene-d12	23.23	264	809551	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	33907	9.62	ng/uL	0.00
5) Phenol-d5	6.69	99	258121	19.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	178479	20.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.04	132	203264	21.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	212845	20.20	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	101158	21.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	117840	22.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.90	165	241196	21.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	263964	19.99	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	740941	20.41	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	893236	21.79	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	104645	16.37	ng/ul	0.00
58) Fluorene-d10	15.15	176	665975	20.49	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	113646	17.35	ng/ul	0.00
71) Anthracene-d10	16.99	188	999252	20.65	ng/ul	0.00
79) Pyrene-d10	19.30	212	1024029	25.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.10	264	890849	20.52	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	37371	8.862	ng/uL	94
4) Benzaldehyde	6.65	77	185401	19.903	ng/ul	98
6) Phenol	6.72	94	279547	20.354	ng/ul	93
8) Bis(2-Chloroethyl)ether	6.93	93	228966	20.757	ng/ul	98
10) 2-Chlorophenol	7.07	128	218155	22.104	ng/ul	97
11) 2-Methylphenol	7.95	108	204132	20.137	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.03	45	170572	20.507	ng/ul	97
14) Acetophenone	8.32	105	367395	20.770	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.31	70	222270	21.960	ng/ul	99
16) 4-Methylphenol	8.27	108	224344	20.276	ng/ul	94
17) Hexachloroethane	8.56	117	105241	21.432	ng/ul	97
20) Nitrobenzene	8.68	77	318174	20.588	ng/ul	97
21) Isophorone	9.22	82	556715	21.224	ng/ul	99
23) 2-Nitrophenol	9.39	139	127873	22.696	ng/ul	97
24) 2,4-Dimethylphenol	9.47	107	274218	21.255	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.70	93	320001	21.475	ng/ul	98
27) 2,4-Dichlorophenol	9.92	162	243682	21.913	ng/ul	98
28) Naphthalene	10.32	128	693846	20.774	ng/ul	99
30) 4-Chloroaniline	10.43	127	280953	21.115	ng/ul	98
31) Hexachlorobutadiene	10.61	225	187843	21.417	ng/ul	97
32) Caprolactam	11.20	113	62279m	17.663	ng/ul	
33) 4-Chloro-3-methylphenol	11.57	107	249264	21.045	ng/ul	98
34) 2-Methylnaphthalene	11.94	142	545190	21.590	ng/ul	100

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.16	142	510589	20.319	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.32	216	350583	22.864	ng/ul	99
38) Hexachlorocyclopentadiene	12.30	237	216523	21.581	ng/ul	97
39) 2,4,6-Trichlorophenol	12.57	196	217125	23.285	ng/ul	96
40) 2,4,5-Trichlorophenol	12.64	196	225943	22.434	ng/ul	99
41) 1,1'-Biphenyl	12.97	154	755010	22.007	ng/ul	100
42) 2-Chloronaphthalene	13.01	162	600674	21.515	ng/ul	98
43) 2-Nitroaniline	13.22	65	178644	21.792	ng/ul	97
45) Dimethylphthalate	13.62	163	777437	20.325	ng/ul	100
46) 2,6-Dinitrotoluene	13.73	165	156531	21.462	ng/ul	94
48) Acenaphthylene	13.86	152	890296	21.509	ng/ul	97
49) 3-Nitroaniline	14.06	138	129741	19.970	ng/ul	97
50) Acenaphthene	14.21	153	628737	21.151	ng/ul	98
51) 2,4-Dinitrophenol	14.27	184	65774	14.418	ng/ul	93
53) 4-Nitrophenol	14.38	109	111000	16.663	ng/ul	98
54) Dibenzofuran	14.55	168	933128	20.993	ng/ul	99
55) 2,4-Dinitrotoluene	14.52	165	225106	20.022	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.78	232	205373	20.576	ng/ul	98
57) Diethylphthalate	14.99	149	794783	19.926	ng/ul	99
59) Fluorene	15.20	166	778792	20.385	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.20	204	429101	20.524	ng/ul	98
61) 4-Nitroaniline	15.22	138	132379	17.555	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.29	198	119260	16.819	ng/ul	94
65) N-Nitrosodiphenylamine	15.42	169	665078	23.045	ng/ul	100
66) 4-Bromophenyl-phenylether	16.10	248	271299	22.899	ng/ul	99
67) Hexachlorobenzene	16.21	284	310820	21.672	ng/ul	98
68) Atrazine	16.38	200	244681	19.570	ng/ul	98
69) Pentachlorophenol	16.56	266	145829	16.568	ng/ul	98
70) Phenanthrene	16.94	178	1208071	20.612	ng/ul	100
72) Anthracene	17.03	178	1229891	20.597	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.93	216	348153	25.844	ng/uL	99
74) Pentachlorobenzene	14.47	250	353084	23.767	ng/uL	98
75) Carbazole	17.30	167	986763	19.524	ng/ul	99
76) Di-n-butylphthalate	17.89	149	1266934	20.184	ng/ul	98
77) Fluoranthene	18.96	202	1340274	18.558	ng/ul	99
80) Pyrene	19.33	202	1373716	25.498	ng/ul	99
81) Butylbenzylphthalate	20.25	149	507444	24.608	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.02	252	378738	19.364	ng/ul	100
83) Benzo(a)anthracene	21.08	228	1209302	20.956	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.04	149	738119	22.975	ng/ul	98
85) Chrysene	21.13	228	1172507	20.564	ng/ul	100
87) Di-n-octyl phthalate	21.90	149	1170379	23.281	ng/ul	100
88) Benzo(b)fluoranthene	22.60	252	1122530	21.003	ng/ul	99
89) Benzo(k)fluoranthene	22.64	252	1126385	21.020	ng/ul	99
91) Benzo(a)pyrene	23.14	252	967754	19.407	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.35	276	1202137	18.363	ng/ul	99
93) Dibenzo(a,h)anthracene	25.36	278	1010619	18.252	ng/ul	99
94) Benzo(g,h,i)perylene	25.99	276	995313	18.191	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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