Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092120\
Data File : BM027493.D
Acq On : 21 Sep 2020 13:37
Operator : JU/CG
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02026

Manual Integrations APPROVED
mohammad
9/22/2020 10:08:30 AM

Quant Time: Sep 21 14:12:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 21 12:23:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	127184	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	536717	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.15	164	416377	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	997594	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	921000	20.00	ng/ul	0.00
86) Perylene-d12	23.24	264	770333	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	31249	10.93	ng/uL	0.00
5) Phenol-d5	6.69	99	215909	20.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.84	67	149536	21.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	169404	22.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.21	113	177309	20.74	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	85116	21.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	98567	22.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	205544	21.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	232290	20.61	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	676477	20.42	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	791129	21.14	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	99779	17.10	ng/ul	0.00
58) Fluorene-d10	15.15	176	619281	20.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	114431	17.92	ng/ul	0.00
71) Anthracene-d10	16.99	188	993619	21.06	ng/ul	0.00
79) Pyrene-d10	19.29	212	1070651	26.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.10	264	849416	20.56	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.08	88	32040	9.366	ng/uL#	94
4) Benzaldehyde	6.65	77	153859	20.361	ng/ul	97
6) Phenol	6.71	94	235764	21.161	ng/ul	96
8) Bis(2-Chloroethyl)ether	6.93	93	190381	21.275	ng/ul	97
10) 2-Chlorophenol	7.07	128	179819	22.460	ng/ul	97
11) 2-Methylphenol	7.95	108	171376	20.840	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.03	45	141571	20.980	ng/ul	96
14) Acetophenone	8.31	105	315762	22.004	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.30	70	190894	23.249	ng/ul	99
16) 4-Methylphenol	8.28	108	192110	21.402	ng/ul	100
17) Hexachloroethane	8.56	117	88061	22.107	ng/ul	92
20) Nitrobenzene	8.68	77	269729	20.441	ng/ul	96
21) Isophorone	9.21	82	480218	21.442	ng/ul	100
23) 2-Nitrophenol	9.39	139	108672	22.590	ng/ul	96
24) 2,4-Dimethylphenol	9.46	107	239203	21.715	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.70	93	270885	21.291	ng/ul	98
27) 2,4-Dichlorophenol	9.92	162	210151	22.133	ng/ul	100
28) Naphthalene	10.31	128	588119	20.623	ng/ul	99
30) 4-Chloroaniline	10.43	127	241019	21.215	ng/ul	100
31) Hexachlorobutadiene	10.61	225	162495	21.699	ng/ul	99
32) Caprolactam	11.20	113	56644m	18.815	ng/ul	
33) 4-Chloro-3-methylphenol	11.57	107	220603	21.814	ng/ul	98
34) 2-Methylnaphthalene	11.93	142	472615	21.920	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.16	142	442484	20.623	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.32	216	303925	21.714	ng/ul	98
38) Hexachlorocyclopentadiene	12.30	237	188726	20.607	ng/ul	99
39) 2,4,6-Trichlorophenol	12.56	196	190931	22.431	ng/ul	97
40) 2,4,5-Trichlorophenol	12.64	196	202531	22.030	ng/ul	98
41) 1,1'-Biphenyl	12.97	154	658433	21.026	ng/ul	99
42) 2-Chloronaphthalene	13.00	162	526312	20.652	ng/ul	99
43) 2-Nitroaniline	13.22	65	162560	21.724	ng/ul	99
45) Dimethylphthalate	13.62	163	711646	20.382	ng/ul	99
46) 2,6-Dinitrotoluene	13.73	165	141302	21.224	ng/ul	99
48) Acenaphthylene	13.86	152	788934	20.881	ng/ul	97
49) 3-Nitroaniline	14.05	138	119034	20.072	ng/ul	99
50) Acenaphthene	14.21	153	568253	20.943	ng/ul	99
51) 2,4-Dinitrophenol	14.27	184	106754	25.636	ng/ul	94
53) 4-Nitrophenol	14.38	109	109140	17.948	ng/ul	97
54) Dibenzofuran	14.55	168	853149	21.027	ng/ul	98
55) 2,4-Dinitrotoluene	14.52	165	212442	20.701	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.78	232	197108	21.634	ng/ul	98
57) Diethylphthalate	14.99	149	761955	20.928	ng/ul	99
59) Fluorene	15.20	166	725094	20.793	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.20	204	396050	20.752	ng/ul	99
61) 4-Nitroaniline	15.22	138	125806	18.277	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.29	198	124240	17.975	ng/ul	95
65) N-Nitrosodiphenylamine	15.42	169	631276	22.440	ng/ul	98
66) 4-Bromophenyl-phenylether	16.10	248	260120	22.525	ng/ul	95
67) Hexachlorobenzene	16.21	284	304063	21.749	ng/ul	96
68) Atrazine	16.38	200	245734	20.163	ng/ul	99
69) Pentachlorophenol	16.55	266	147897	17.238	ng/ul	97
70) Phenanthrene	16.93	178	1184355	20.730	ng/ul	100
72) Anthracene	17.03	178	1219401	20.951	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.93	216	304100	23.158	ng/uL	99
74) Pentachlorobenzene	14.47	250	321512	22.202	ng/uL	97
75) Carbazole	17.30	167	989862	20.092	ng/ul	99
76) Di-n-butylphthalate	17.89	149	1323905	21.638	ng/ul	98
77) Fluoranthene	18.96	202	1399673	19.883	ng/ul	100
80) Pyrene	19.33	202	1435304	25.761	ng/ul	100
81) Butylbenzylphthalate	20.25	149	536954	25.179	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.02	252	374990	18.539	ng/ul	97
83) Benzo(a)anthracene	21.08	228	1260916	21.129	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	797059	23.991	ng/ul	99
85) Chrysene	21.13	228	1232423	20.902	ng/ul	100
87) Di-n-octyl phthalate	21.90	149	1183563	24.742	ng/ul	100
88) Benzo(b)fluoranthene	22.60	252	1116298	21.949	ng/ul	99
89) Benzo(k)fluoranthene	22.65	252	1087778	21.333	ng/ul	100
91) Benzo(a)pyrene	23.14	252	931891	19.639	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.36	276	1067993	17.145	ng/ul	99
93) Dibenzo(a,h)anthracene	25.37	278	906008	17.196	ng/ul	98
94) Benzo(g,h,i)perylene	26.00	276	886344	17.024	ng/ul	99

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

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