Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
Data File : BM024120.D
Acq On : 17 Dec 2019 13:28
Operator : JU
Sample : SSTD02005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020050

Manual Integrations APPROVED
mohammad
12/18/2019 2:42:17 PM

Quant Time: Dec 17 14:08:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 17 14:04:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	301827	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	1406652	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	957542	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	2094538	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	2158251	20.00	ng/ul	0.00
86) Perylene-d12	23.22	264	2566524	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.00	96	52612	7.76	ng/uL	0.00
5) Phenol-d5	6.65	99	525431	19.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	332766	21.63	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	391233	19.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.18	113	432652	20.73	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	198987	18.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	220936	17.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	426554	18.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	512099	19.86	ng/ul	0.00
44) Dimethylphthalate-d6	13.54	166	1369743	18.41	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	1662394	19.06	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	226050	18.07	ng/ul	0.00
58) Fluorene-d10	15.12	176	1202873	19.21	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	220907	16.80	ng/ul	0.00
71) Anthracene-d10	16.97	188	1856806	18.56	ng/ul	0.00
79) Pyrene-d10	19.27	212	1993085	17.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.08	264	2472638	18.23	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.04	88	55864	7.679	ng/uL	100
4) Benzaldehyde	6.61	77	378997	27.204	ng/ul	100
6) Phenol	6.68	94	545581	20.049	ng/ul	100
8) Bis(2-Chloroethyl)ether	6.90	93	443387	20.955	ng/ul	100
10) 2-Chlorophenol	7.02	128	398159	19.031	ng/ul	100
11) 2-Methylphenol	7.91	108	405217	19.962	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	7.99	45	523028	22.766	ng/ul	100
14) Acetophenone	8.28	105	679088	21.282	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.27	70	384431	22.533	ng/ul	100
16) 4-Methylphenol	8.24	108	454258	20.563	ng/ul	100
17) Hexachloroethane	8.51	117	166970	19.348	ng/ul	100
20) Nitrobenzene	8.65	77	556237	20.972	ng/ul	100
21) Isophorone	9.18	82	1028101	20.419	ng/ul	100
23) 2-Nitrophenol	9.36	139	244856	18.651	ng/ul	100
24) 2,4-Dimethylphenol	9.43	107	518540	19.574	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.66	93	640173	20.266	ng/ul	100
27) 2,4-Dichlorophenol	9.89	162	415039	18.380	ng/ul	100
28) Naphthalene	10.27	128	1422190	19.178	ng/ul	100
30) 4-Chloroaniline	10.40	127	519339	19.570	ng/ul	100
31) Hexachlorobutadiene	10.56	225	252269	17.692	ng/ul	100
32) Caprolactam	11.19	113	141641m	20.772	ng/ul	
33) 4-Chloro-3-methylphenol	11.54	107	498215	20.846	ng/ul	100
34) 2-Methylnaphthalene	11.90	142	1021633	18.973	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.12	142	1037265	19.621	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.28	216	501941	16.806	ng/ul	100
38) Hexachlorocyclopentadiene	12.26	237	178933	12.857	ng/ul	100
39) 2,4,6-Trichlorophenol	12.53	196	337523	17.348	ng/ul	100
40) 2,4,5-Trichlorophenol	12.61	196	357783	17.298	ng/ul	100
41) 1,1'-Biphenyl	12.94	154	1382219	17.866	ng/ul	100
42) 2-Chloronaphthalene	12.97	162	1085788	18.341	ng/ul	100
43) 2-Nitroaniline	13.20	65	325650	21.164	ng/ul	100
45) Dimethylphthalate	13.59	163	1426885	19.592	ng/ul	100
46) 2,6-Dinitrotoluene	13.71	165	284013	19.932	ng/ul	100
48) Acenaphthylene	13.83	152	1756629	19.922	ng/ul	100
49) 3-Nitroaniline	14.04	138	264814	19.872	ng/ul	100
50) Acenaphthene	14.18	153	1195911	19.091	ng/ul	100
51) 2,4-Dinitrophenol	14.26	184	122818	16.169	ng/ul	100
53) 4-Nitrophenol	14.37	109	185900	20.169	ng/ul	100
54) Dibenzofuran	14.52	168	1654309	18.665	ng/ul	100
55) 2,4-Dinitrotoluene	14.51	165	432613	20.873	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.76	232	323502	17.755	ng/ul	100
57) Diethylphthalate	14.97	149	1443919	19.813	ng/ul	100
59) Fluorene	15.17	166	1409497	19.719	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.17	204	679410	18.867	ng/ul	100
61) 4-Nitroaniline	15.21	138	276700	18.407	ng/ul	100
64) 4,6-Dinitro-2-methylphenol	15.28	198	242787	17.194	ng/ul	100
65) N-Nitrosodiphenylamine	15.39	169	1186971	17.895	ng/ul	100
66) 4-Bromophenyl-phenylether	16.07	248	431087	16.882	ng/ul	100
67) Hexachlorobenzene	16.18	284	527197	17.813	ng/ul	100
68) Atrazine	16.36	200	428648	18.434	ng/ul	100
69) Pentachlorophenol	16.53	266	247553	14.760	ng/ul	100
70) Phenanthrene	16.91	178	2273261	19.212	ng/ul	100
72) Anthracene	17.00	178	2318177	19.297	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.90	216	511913	16.250	ng/uL	100
74) Pentachlorobenzene	14.44	250	556307	16.422	ng/uL	100
75) Carbazole	17.28	167	2002870	19.254	ng/ul	100
76) Di-n-butylphthalate	17.86	149	2408234	18.618	ng/ul	100
77) Fluoranthene	18.94	202	2612386	20.587	ng/ul	100
80) Pyrene	19.30	202	2745274	18.879	ng/ul	100
81) Butylbenzylphthalate	20.23	149	1094169	17.711	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.01	252	926633	16.981	ng/ul	100
83) Benzo(a)anthracene	21.07	228	2670285	18.510	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.02	149	1649315	17.962	ng/ul	100
85) Chrysene	21.12	228	2647330	19.542	ng/ul	100
87) Di-n-octyl phthalate	21.87	149	2776563	18.501	ng/ul	100
88) Benzo(b)fluoranthene	22.59	252	2917923	18.384	ng/ul	100
89) Benzo(k)fluoranthene	22.63	252	2960196	19.647	ng/ul	100
91) Benzo(a)pyrene	23.13	252	2688148	17.912	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.33	276	3318617	17.809	ng/ul	100
93) Dibenzo(a,h)anthracene	25.33	278	2793040	17.844	ng/ul	100
94) Benzo(g,h,i)perylene	25.97	276	2711778	17.376	ng/ul	100

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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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