Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101419\
Data File : BM023151.D
Acq On : 14 Oct 2019 18:52
Operator : JU
Sample : SSTD04004
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD04004

Manual Integrations APPROVED
mohammad
10/16/2019 7:53:56 AM

Quant Time: Oct 15 02:12:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 15 01:46:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	272952	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1196086	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	793568	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.08	188	1737593	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	1963290	20.00	ng/ul	0.00
86) Perylene-d12	23.49	264	2331054	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	101308	16.05	ng/uL	0.00
5) Phenol-d5	6.86	99	986278	40.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	555494	42.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	749715	38.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	791188	40.07	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	345384	37.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	335132	33.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	821739	40.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	1030798	42.28	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	2511130	40.77	ng/ul	0.00
47) Acenaphthylene-d8	14.03	160	2927586	41.17	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	407496	33.49	ng/ul	0.00
58) Fluorene-d10	15.33	176	2125801	40.50	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.44	200	285989	25.29	ng/ul	0.00
71) Anthracene-d10	17.18	188	3409753	40.18	ng/ul	0.00
79) Pyrene-d10	19.47	212	3937295	37.26	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.36	264	4919277	40.79	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	103858	16.635	ng/uL#	87
4) Benzaldehyde	6.83	77	696340	63.711	ng/ul	99
6) Phenol	6.89	94	1013403	40.083	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.12	93	749005	39.172	ng/ul	99
10) 2-Chlorophenol	7.26	128	781836	37.530	ng/ul	99
11) 2-Methylphenol	8.13	108	779064	39.981	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.23	45	1101367	43.563	ng/ul	99
14) Acetophenone	8.51	105	1236181	40.953	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.50	70	675013	43.539	ng/ul	100
16) 4-Methylphenol	8.46	108	849960	39.449	ng/ul	100
17) Hexachloroethane	8.77	117	306540	38.720	ng/ul	99
20) Nitrobenzene	8.88	77	902214	41.869	ng/ul	97
21) Isophorone	9.41	82	1904877	44.873	ng/ul	99
23) 2-Nitrophenol	9.59	139	389778	33.810	ng/ul	98
24) 2,4-Dimethylphenol	9.66	107	977129	43.532	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.90	93	1063474	39.279	ng/ul	99
27) 2,4-Dichlorophenol	10.12	162	800081	39.387	ng/ul	97
28) Naphthalene	10.53	128	2507902	38.825	ng/ul	99
30) 4-Chloroaniline	10.63	127	1072372	41.760	ng/ul	98
31) Hexachlorobutadiene	10.83	225	520784	42.373	ng/ul	99
32) Caprolactam	11.38	113	290432m	44.159	ng/ul	
33) 4-Chloro-3-methylphenol	11.76	107	913418	43.676	ng/ul	99
34) 2-Methylnaphthalene	12.15	142	1883560	38.891	ng/ul	100

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35) 1-Methylnaphthalene	12.37	142	1817214	39.286	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.52	216	1058926	40.671	ng/ul	99
38) Hexachlorocyclopentadiene	12.51	237	636897	39.029	ng/ul	98
39) 2,4,6-Trichlorophenol	12.76	196	666992	38.625	ng/ul	98
40) 2,4,5-Trichlorophenol	12.83	196	721462	38.307	ng/ul	98
41) 1,1'-Biphenyl	13.17	154	2461791	37.887	ng/ul	100
42) 2-Chloronaphthalene	13.20	162	1914699	38.544	ng/ul	99
43) 2-Nitroaniline	13.40	65	503218	39.062	ng/ul	94
45) Dimethylphthalate	13.80	163	2496001	39.451	ng/ul	100
46) 2,6-Dinitrotoluene	13.91	165	440002	34.879	ng/ul	97
48) Acenaphthylene	14.06	152	2997196	39.045	ng/ul	99
49) 3-Nitroaniline	14.23	138	453061	37.025	ng/ul	97
50) Acenaphthene	14.40	153	2076370	38.828	ng/ul	99
51) 2,4-Dinitrophenol	14.43	184	170677	21.199	ng/ul	99
53) 4-Nitrophenol	14.54	109	371902	41.816	ng/ul	96
54) Dibenzofuran	14.74	168	2975401	38.958	ng/ul	99
55) 2,4-Dinitrotoluene	14.69	165	675412	36.288	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.96	232	632390	38.164	ng/ul	98
57) Diethylphthalate	15.18	149	2549320	40.135	ng/ul	99
59) Fluorene	15.39	166	2418036	39.178	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.39	204	1276643	40.807	ng/ul	99
61) 4-Nitroaniline	15.40	138	534893	38.695	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.46	198	336213	26.587	ng/ul#	94
65) N-Nitrosodiphenylamine	15.60	169	2188363	38.317	ng/ul	98
66) 4-Bromophenyl-phenylether	16.28	248	871422	41.572	ng/ul	98
67) Hexachlorobenzene	16.39	284	986154	42.195	ng/ul	99
68) Atrazine	16.56	200	849716	40.695	ng/ul	99
69) Pentachlorophenol	16.73	266	542446	35.776	ng/ul	99
70) Phenanthrene	17.12	178	4005802	38.628	ng/ul	99
72) Anthracene	17.22	178	4138571	39.166	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.13	216	1028400	37.925	ng/uL	99
74) Pentachlorobenzene	14.66	250	1081649	39.962	ng/uL	98
75) Carbazole	17.48	167	3766841	40.110	ng/ul	100
76) Di-n-butylphthalate	18.07	149	4406263	39.795	ng/ul	99
77) Fluoranthene	19.14	202	4995559	42.831	ng/ul	100
80) Pyrene	19.50	202	5078418	36.490	ng/ul	100
81) Butylbenzylphthalate	20.43	149	1903009	33.248	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.19	252	2108187	47.138	ng/ul	99
83) Benzo(a)anthracene	21.26	228	5444533	38.626	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.23	149	2862677	35.200	ng/ul	99
85) Chrysene	21.31	228	5025116	38.667	ng/ul	99
87) Di-n-octyl phthalate	22.11	149	5156233	32.525	ng/ul	100
88) Benzo(b)fluoranthene	22.83	252	5998295	38.775	ng/ul	100
89) Benzo(k)fluoranthene	22.88	252	5525543	37.335	ng/ul	99
91) Benzo(a)pyrene	23.40	252	5645139	38.897	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.73	276	6683744	43.358	ng/ul	100
93) Dibenzo(a,h)anthracene	25.75	278	5590123	43.349	ng/ul	99
94) Benzo(g,h,i)perylene	26.41	276	5455026	43.862	ng/ul	99

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

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