Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
Data File : BM024121.D
Acq On : 17 Dec 2019 14:04
Operator : JU
Sample : SSTD04006
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD040060

Manual Integrations APPROVED
mohammad
12/18/2019 2:42:28 PM

Quant Time: Dec 17 14:38:59 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	301096	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	1404035	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	956810	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	2115990	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	2155976	20.00	ng/ul	0.00
86) Perylene-d12	23.22	264	2483452	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.00	96	120055	17.74	ng/uL	0.00
5) Phenol-d5	6.65	99	1188145	45.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	714257	46.54	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	875965	42.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.18	113	974086	46.78	ng/ul	0.00
19) Nitrobenzene-d5	8.61	128	445880	40.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	501714	40.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	948603	40.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	1183394	45.97	ng/ul	0.00
44) Dimethylphthalate-d6	13.54	166	2966755	39.91	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	3637816	41.75	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	547782	43.83	ng/ul	0.00
58) Fluorene-d10	15.12	176	2598080	41.53	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	551459	41.51	ng/ul	0.00
71) Anthracene-d10	16.97	188	4030278	39.88	ng/ul	0.00
79) Pyrene-d10	19.28	212	4355383	39.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.09	264	5337385	40.66	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.03	88	126214	17.390	ng/uL	91
4) Benzaldehyde	6.61	77	820041m	59.005	ng/ul	
6) Phenol	6.67	94	1226217	45.170	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.90	93	940031	44.535	ng/ul	98
10) 2-Chlorophenol	7.02	128	892316	42.755	ng/ul	99
11) 2-Methylphenol	7.91	108	907324	44.805	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.99	45	1084005	47.298	ng/ul	99
14) Acetophenone	8.28	105	1451256	45.592	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.27	70	836580	49.154	ng/ul	100
16) 4-Methylphenol	8.24	108	1018144	46.200	ng/ul	96
17) Hexachloroethane	8.51	117	361003	41.934	ng/ul	97
20) Nitrobenzene	8.65	77	1197641	45.240	ng/ul	98
21) Isophorone	9.18	82	2271602	45.200	ng/ul	99
23) 2-Nitrophenol	9.35	139	548796	41.880	ng/ul	94
24) 2,4-Dimethylphenol	9.43	107	1135252	42.934	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.66	93	1372759	43.538	ng/ul	100
27) 2,4-Dichlorophenol	9.89	162	918529	40.753	ng/ul	98
28) Naphthalene	10.27	128	3043454	41.117	ng/ul	99
30) 4-Chloroaniline	10.40	127	1177173	44.442	ng/ul	99
31) Hexachlorobutadiene	10.56	225	539402	37.901	ng/ul	99
32) Caprolactam	11.20	113	335786m	49.337	ng/ul	
33) 4-Chloro-3-methylphenol	11.55	107	1111072	46.576	ng/ul	99
34) 2-Methylnaphthalene	11.90	142	2217063	41.250	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.12	142	2253800	42.712	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.28	216	1074041	35.989	ng/ul	98
38) Hexachlorocyclopentadiene	12.26	237	488566	35.131	ng/ul	97
39) 2,4,6-Trichlorophenol	12.53	196	756073	38.889	ng/ul	99
40) 2,4,5-Trichlorophenol	12.61	196	808950	39.140	ng/ul	99
41) 1,1'-Biphenyl	12.94	154	2964114	38.342	ng/ul	99
42) 2-Chloronaphthalene	12.97	162	2336694	39.502	ng/ul	99
43) 2-Nitroaniline	13.20	65	749097	48.721	ng/ul	98
45) Dimethylphthalate	13.59	163	3068449	42.163	ng/ul	100
46) 2,6-Dinitrotoluene	13.71	165	662788	46.549	ng/ul	99
48) Acenaphthylene	13.83	152	3809247	43.234	ng/ul	100
49) 3-Nitroaniline	14.04	138	618412	46.443	ng/ul	100
50) Acenaphthene	14.18	153	2575632	41.147	ng/ul	99
51) 2,4-Dinitrophenol	14.26	184	348745	45.948	ng/ul	95
53) 4-Nitrophenol	14.37	109	434763	47.206	ng/ul	97
54) Dibenzofuran	14.52	168	3555112	40.143	ng/ul	100
55) 2,4-Dinitrotoluene	14.51	165	981006	47.368	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.76	232	736935	40.476	ng/ul	99
57) Diethylphthalate	14.97	149	3150014	43.257	ng/ul	100
59) Fluorene	15.17	166	3048543	42.682	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.17	204	1468358	40.807	ng/ul	99
61) 4-Nitroaniline	15.22	138	677029	45.072	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.28	198	578895	40.581	ng/ul	99
65) N-Nitrosodiphenylamine	15.39	169	2584815	38.574	ng/ul	100
66) 4-Bromophenyl-phenylether	16.07	248	956078	37.062	ng/ul	97
67) Hexachlorobenzene	16.19	284	1155226	38.636	ng/ul	96
68) Atrazine	16.36	200	952244	40.536	ng/ul	99
69) Pentachlorophenol	16.53	266	598086	35.299	ng/ul	97
70) Phenanthrene	16.92	178	4926583	41.214	ng/ul	99
72) Anthracene	17.00	178	5034158	41.480	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.90	216	1102777	34.652	ng/uL	98
74) Pentachlorobenzene	14.44	250	1206114	35.244	ng/uL	97
75) Carbazole	17.29	167	4400822	41.878	ng/ul	99
76) Di-n-butylphthalate	17.86	149	5476776	41.912	ng/ul	99
77) Fluoranthene	18.94	202	5720792	44.626	ng/ul	98
80) Pyrene	19.31	202	5956204	41.003	ng/ul	98
81) Butylbenzylphthalate	20.23	149	2553573	41.378	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.01	252	2133224	39.133	ng/ul	100
83) Benzo(a)anthracene	21.07	228	5774302	40.070	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.02	149	3758305	40.974	ng/ul	98
85) Chrysene	21.12	228	5606355	41.428	ng/ul	99
87) Di-n-octyl phthalate	21.88	149	6283707	43.271	ng/ul	100
88) Benzo(b)fluoranthene	22.59	252	6427200	41.848	ng/ul	98
89) Benzo(k)fluoranthene	22.63	252	6192004	42.471	ng/ul	99
91) Benzo(a)pyrene	23.13	252	5780103	39.804	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.34	276	6988038	38.754	ng/ul	99
93) Dibenzo(a,h)anthracene	25.34	278	5888632	38.880	ng/ul	100
94) Benzo(g,h,i)perylene	25.97	276	5648723	37.406	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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