Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010719\
Data File : BM018439.D
Acq On : 07 Jan 2019 11:56
Operator : JU/SJ
Sample : SSTD04005
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD04005

Manual Integrations APPROVED
Sohil
1/8/2019 5:38:47 PM

Quant Time: Jan 07 12:31:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 07 12:07:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	351104	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	1480467	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	836828	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1905634	20.00	ng/ul	0.00
77) Chrysene-d12	21.35	240	2004511	20.00	ng/ul	0.00
85) Perylene-d12	23.63	264	2051889	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	112597	15.30	ng/uL	0.00
5) Phenol-d5	6.94	99	1119577	33.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	616516	34.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	989118	37.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	912832	33.36	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	466123	38.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	504317	35.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	971311	39.04	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	776984	35.33	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	2850107	38.50	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	3610555	40.03	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	506753	37.93	ng/ul	0.00
57) Fluorene-d10	15.41	176	2458456	39.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	426191	29.35	ng/ul	0.00
70) Anthracene-d10	17.26	188	3754020	38.98	ng/ul	0.00
78) Pyrene-d10	19.56	212	4074459	42.39	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.49	264	4463336	39.27	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	114443	14.124	ng/uL	93
4) Benzaldehyde	6.92	77	213508	35.853	ng/ul	93
6) Phenol	6.97	94	1080433	32.562	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.20	93	827171	33.943	ng/ul	98
10) 2-Chlorophenol	7.33	128	966278	36.725	ng/ul	99
11) 2-Methylphenol	8.22	108	861443	33.270	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.29	45	1059262m	46.024	ng/ul	
14) Acetophenone	8.59	105	1382420	33.433	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.57	70	666620	31.481	ng/ul	98
16) 4-Methylphenol	8.54	108	896212	31.828	ng/ul	98
17) Hexachloroethane	8.83	117	388857	37.331	ng/ul	99
20) Nitrobenzene	8.97	77	997740	36.268	ng/ul	97
21) Isophorone	9.49	82	1870924	33.839	ng/ul	100
23) 2-Nitrophenol	9.68	139	531648	36.053	ng/ul	95
24) 2,4-Dimethylphenol	9.74	107	1052256	35.955	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.97	93	1126565	34.683	ng/ul	99
27) 2,4-Dichlorophenol	10.22	162	921853	38.216	ng/ul	98
28) Naphthalene	10.61	128	3000206	37.664	ng/ul	99
30) 4-Chloroaniline	10.73	127	777536	34.683	ng/ul	97
31) Hexachlorobutadiene	10.88	225	605296	39.134	ng/ul	98
32) Caprolactam	11.53	113	286749m	30.776	ng/ul	
33) 4-Chloro-3-methylphenol	11.86	107	958151	34.652	ng/ul	98
34) 2-Methylnaphthalene	12.22	142	2200573	37.234	ng/ul	99

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.59	216	1138133	42.080	ng/ul	97
37) Hexachlorocyclopentadiene	12.56	237	687235	50.352	ng/ul	97
38) 2,4,6-Trichlorophenol	12.84	196	724671	39.162	ng/ul	96
39) 2,4,5-Trichlorophenol	12.92	196	782352	39.464	ng/ul	99
40) 1,1'-Biphenyl	13.25	154	2757642	39.217	ng/ul	99
41) 2-Chloronaphthalene	13.29	162	2188992	39.942	ng/ul	98
42) 2-Nitroaniline	13.50	65	569507	36.877	ng/ul	97
44) Dimethylphthalate	13.87	163	2773355	39.349	ng/ul	100
45) 2,6-Dinitrotoluene	14.00	165	561018	37.615	ng/ul	99
47) Acenaphthylene	14.13	152	3294738	38.578	ng/ul	100
48) 3-Nitroaniline	14.33	138	495423	34.879	ng/ul	97
49) Acenaphthene	14.47	153	2310721	38.411	ng/ul	99
50) 2,4-Dinitrophenol	14.53	184	254845	25.666	ng/ul	97
52) 4-Nitrophenol	14.66	109	425631	40.044	ng/ul	98
53) Dibenzofuran	14.82	168	3242896	38.992	ng/ul	99
54) 2,4-Dinitrotoluene	14.79	165	832197	37.688	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.04	232	671312	37.285	ng/ul	99
56) Diethylphthalate	15.24	149	2816017	38.599	ng/ul	100
58) Fluorene	15.46	166	2639713	38.199	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.46	204	1350772	38.802	ng/ul	98
60) 4-Nitroaniline	15.50	138	570191	36.476	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.54	198	454625	30.685	ng/ul	94
64) N-Nitrosodiphenylamine	15.67	169	2303288	36.932	ng/ul	98
65) 4-Bromophenyl-phenylether	16.35	248	833446	36.996	ng/ul	98
66) Hexachlorobenzene	16.46	284	902252	36.365	ng/ul	98
67) Atrazine	16.63	200	836186	36.675	ng/ul	99
68) Pentachlorophenol	16.81	266	520506	35.429	ng/ul	97
69) Phenanthrene	17.20	178	4254955	38.249	ng/ul	100
71) Anthracene	17.30	178	4334369	37.860	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.20	216	1106333	40.546	ng/uL	99
73) Pentachlorobenzene	14.72	250	1044912	36.774	ng/uL	97
74) Carbazole	17.57	167	3881009	37.254	ng/ul	100
75) Di-n-butylphthalate	18.13	149	4775991	36.639	ng/ul	100
76) Fluoranthene	19.22	202	5022037	38.920	ng/ul	99
79) Pyrene	19.59	202	5060993	42.202	ng/ul	99
80) Butylbenzylphthalate	20.49	149	2235631	38.979	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.27	252	1740590	37.787	ng/ul	99
82) Benzo(a)anthracene	21.33	228	5075405	40.007	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.26	149	3263877	38.712	ng/ul	100
84) Chrysene	21.39	228	4746090	40.093	ng/ul	100
86) Di-n-octyl phthalate	22.15	149	5607325	37.174	ng/ul	100
87) Benzo(b)fluoranthene	22.94	252	5104807	41.746	ng/ul	99
88) Benzo(k)fluoranthene	22.99	252	4829491	39.687	ng/ul	100
90) Benzo(a)pyrene	23.54	252	4859903	40.294	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.96	276	5730511	41.869	ng/ul	99
92) Dibenzo(a,h)anthracene	25.97	278	4786879	41.162	ng/ul	98
93) Benzo(g,h,i)perylene	26.67	276	4780571	41.909	ng/ul	98

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

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