Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062319\
Data File : BM021124.D
Acq On : 23 Jun 2019 06:42
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02039

Manual Integrations APPROVED
mohammad
6/25/2019 8:35:54 AM

Quant Time: Jun 24 02:29:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 20 03:45:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	252251	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.56	136	1096738	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.41	164	706485	20.00	ng/ul	-0.02
61) Phenanthrene-d10	17.16	188	1533234	20.00	ng/ul	-0.01
77) Chrysene-d12	21.34	240	1177724	20.00	ng/ul	-0.02
85) Perylene-d12	23.61	264	1237914	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	39278	7.39	ng/uL	0.00
5) Phenol-d5	6.94	99	419459	19.10	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.12	67	257477	19.68	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.30	132	344339	19.30	ng/ul	-0.02
13) 4-Methylphenol-d8	8.47	113	357886	19.53	ng/ul	-0.02
19) Nitrobenzene-d5	8.93	128	178000	19.99	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.65	143	201042	20.34	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.18	165	412932	20.54	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.70	131	443618	21.16	ng/ul	-0.02
43) Dimethylphthalate-d6	13.83	166	1256268	19.68	ng/ul	-0.01
46) Acenaphthylene-d8	14.10	160	1563647	20.01	ng/ul	-0.02
51) 4-Nitrophenol-d4	14.62	143	177944	17.14	ng/ul	-0.01
57) Fluorene-d10	15.41	176	1097967	19.77	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.53	200	175644	18.64	ng/ul	-0.01
70) Anthracene-d10	17.26	188	1569536	19.70	ng/ul	-0.02
78) Pyrene-d10	19.55	212	1486393	21.03	ng/ul	-0.02
89) Benzo(a)pyrene-d12	23.47	264	1453735	19.90	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	40538	7.541	ng/uL	97
4) Benzaldehyde	6.93	77	189957	18.977	ng/ul	98
6) Phenol	6.97	94	398760	19.201	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.20	93	313626	19.787	ng/ul	99
10) 2-Chlorophenol	7.34	128	332636	19.785	ng/ul	99
11) 2-Methylphenol	8.21	108	312443	19.444	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.30	45	388929	19.216	ng/ul	99
14) Acetophenone	8.60	105	530738	20.121	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.58	70	272454	19.846	ng/ul	99
16) 4-Methylphenol	8.54	108	341058	19.504	ng/ul	96
17) Hexachloroethane	8.84	117	137309	19.594	ng/ul	99
20) Nitrobenzene	8.97	77	395838	19.785	ng/ul	98
21) Isophorone	9.50	82	751540	19.947	ng/ul	99
23) 2-Nitrophenol	9.68	139	199010	20.021	ng/ul	96
24) 2,4-Dimethylphenol	9.74	107	404965	19.942	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.98	93	455104	19.601	ng/ul	99
27) 2,4-Dichlorophenol	10.21	162	374489	20.465	ng/ul	98
28) Naphthalene	10.61	128	1116621	19.830	ng/ul	100
30) 4-Chloroaniline	10.73	127	418523	21.225	ng/ul	98
31) Hexachlorobutadiene	10.88	225	255463	20.489	ng/ul	99
32) Caprolactam	11.52	113	98843m	19.214	ng/ul	
33) 4-Chloro-3-methylphenol	11.85	107	373426	20.016	ng/ul	99
34) 2-Methylnaphthalene	12.22	142	864270	20.018	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.59	216	515697	20.447	ng/ul	99
37) Hexachlorocyclopentadiene	12.56	237	280563	18.699	ng/ul	98
38) 2,4,6-Trichlorophenol	12.84	196	318175	20.300	ng/ul	98
39) 2,4,5-Trichlorophenol	12.91	196	333521	19.921	ng/ul	99
40) 1,1'-Biphenyl	13.25	154	1157031	19.853	ng/ul	99
41) 2-Chloronaphthalene	13.29	162	919091	19.961	ng/ul	99
42) 2-Nitroaniline	13.50	65	221005	19.750	ng/ul	97
44) Dimethylphthalate	13.87	163	1141233	19.639	ng/ul	99
45) 2,6-Dinitrotoluene	14.00	165	223809	20.180	ng/ul	98
47) Acenaphthylene	14.13	152	1342416	20.065	ng/ul	99
48) 3-Nitroaniline	14.33	138	188534	19.418	ng/ul	98
49) Acenaphthene	14.47	153	957188	19.515	ng/ul	98
50) 2,4-Dinitrophenol	14.54	184	92446	16.592	ng/ul	97
52) 4-Nitrophenol	14.63	109	132259	17.220	ng/ul	97
53) Dibenzofuran	14.81	168	1374778	19.685	ng/ul	100
54) 2,4-Dinitrotoluene	14.79	165	321530	19.977	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.04	232	296560	20.313	ng/ul	99
56) Diethylphthalate	15.24	149	1080656	19.275	ng/ul	100
58) Fluorene	15.46	166	1111619	19.591	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.46	204	618607	19.996	ng/ul	99
60) 4-Nitroaniline	15.50	138	173406	16.803	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.55	198	172307	18.212	ng/ul	97
64) N-Nitrosodiphenylamine	15.67	169	940391	20.252	ng/ul	100
65) 4-Bromophenyl-phenylether	16.36	248	388962	20.687	ng/ul	96
66) Hexachlorobenzene	16.46	284	446698	20.730	ng/ul	100
67) Atrazine	16.63	200	323427	19.198	ng/ul	98
68) Pentachlorophenol	16.81	266	217942	20.171	ng/ul	98
69) Phenanthrene	17.20	178	1678909	19.799	ng/ul	99
71) Anthracene	17.29	178	1714335	19.839	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.20	216	513374	21.284	ng/uL	99
73) Pentachlorobenzene	14.73	250	525470	21.172	ng/uL	98
74) Carbazole	17.57	167	1340087	18.817	ng/ul	100
75) Di-n-butylphthalate	18.13	149	1579158	18.469	ng/ul	99
76) Fluoranthene	19.22	202	1751591	19.117	ng/ul	99
79) Pyrene	19.58	202	1766592	21.218	ng/ul	100
80) Butylbenzylphthalate	20.48	149	584071	18.951	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.26	252	497775	18.857	ng/ul	99
82) Benzo(a)anthracene	21.33	228	1575766	19.625	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.25	149	801097	18.256	ng/ul	99
84) Chrysene	21.38	228	1489632	19.809	ng/ul	100
86) Di-n-octyl phthalate	22.14	149	1309307	18.355	ng/ul	100
87) Benzo(b)fluoranthene	22.93	252	1540159	19.641	ng/ul	99
88) Benzo(k)fluoranthene	22.97	252	1490794	19.762	ng/ul	99
90) Benzo(a)pyrene	23.51	252	1460197	19.784	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.90	276	1829796	21.054	ng/ul	99
92) Dibenzo(a,h)anthracene	25.91	278	1540182	21.066	ng/ul	99
93) Benzo(g,h,i)perylene	26.61	276	1518601	21.215	ng/ul	97

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

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