Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023799.D
Acq On : 19 Nov 2019 16:26
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02002

Manual Integrations APPROVED
mohammad
11/21/2019 9:06:30 AM

Quant Time: Nov 19 17:03:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 19 12:27:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	499687	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	2054032	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	1284018	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.93	188	2677029	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2853785	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	3382255	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	91085	7.51	ng/uL	0.00
5) Phenol-d5	6.71	99	824734	18.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	506180	19.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	653705	19.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.24	113	640322	17.62	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	301571	20.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	337176	21.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	668527	18.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.44	131	800946	20.70	ng/ul	0.00
44) Dimethylphthalate-d6	13.60	166	1849736	18.47	ng/ul	0.00
47) Acenaphthylene-d8	13.86	160	2224799	19.47	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	326040	19.08	ng/ul	0.00
58) Fluorene-d10	15.17	176	1631977	18.46	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.32	200	306221	19.78	ng/ul	0.00
71) Anthracene-d10	17.03	188	2505658	19.73	ng/ul	0.00
79) Pyrene-d10	19.33	212	2794437	18.78	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	3432905	19.29	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	98524	7.585	ng/uL	97
4) Benzaldehyde	6.67	77	375624	14.057	ng/ul	99
6) Phenol	6.73	94	884677	18.854	ng/ul	100
8) Bis(2-Chloroethyl)ether	6.96	93	694189	19.317	ng/ul	96
10) 2-Chlorophenol	7.09	128	681593	20.030	ng/ul	98
11) 2-Methylphenol	7.97	108	632031	18.046	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.05	45	713157	20.341	ng/ul	97
14) Acetophenone	8.34	105	1023586	18.063	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.33	70	551012	18.508	ng/ul	96
16) 4-Methylphenol	8.30	108	694840	17.917	ng/ul	100
17) Hexachloroethane	8.59	117	280267	20.761	ng/ul	94
20) Nitrobenzene	8.71	77	806150	20.738	ng/ul	100
21) Isophorone	9.25	82	1435050	18.924	ng/ul	100
23) 2-Nitrophenol	9.42	139	376140	21.883	ng/ul	98
24) 2,4-Dimethylphenol	9.49	107	775579	19.745	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.73	93	923762	19.411	ng/ul	99
27) 2,4-Dichlorophenol	9.95	162	661492	19.517	ng/ul	99
28) Naphthalene	10.34	128	2105789	19.505	ng/ul	99
30) 4-Chloroaniline	10.46	127	839354	21.104	ng/ul	98
31) Hexachlorobutadiene	10.63	225	437303	19.108	ng/ul	99
32) Caprolactam	11.25	113	185904m	16.925	ng/ul	
33) 4-Chloro-3-methylphenol	11.60	107	701179	18.638	ng/ul	100
34) 2-Methylnaphthalene	11.97	142	1542393	18.676	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.19	142	1481486	18.189	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.35	216	826652	19.703	ng/ul	97
38) Hexachlorocyclopentadiene	12.33	237	520263	23.673	ng/ul	99
39) 2,4,6-Trichlorophenol	12.60	196	526457	20.351	ng/ul	97
40) 2,4,5-Trichlorophenol	12.67	196	563402	19.998	ng/ul	99
41) 1,1'-Biphenyl	13.00	154	2000487	20.196	ng/ul	100
42) 2-Chloronaphthalene	13.04	162	1553677	20.379	ng/ul	99
43) 2-Nitroaniline	13.25	65	432536	23.852	ng/ul	96
45) Dimethylphthalate	13.64	163	1885652	19.216	ng/ul	99
46) 2,6-Dinitrotoluene	13.76	165	382780	21.417	ng/ul	99
48) Acenaphthylene	13.89	152	2327390	20.231	ng/ul	99
49) 3-Nitroaniline	14.09	138	340128	20.025	ng/ul	89
50) Acenaphthene	14.24	153	1622817	19.878	ng/ul	100
51) 2,4-Dinitrophenol	14.31	184	185522	16.464	ng/ul	94
53) 4-Nitrophenol	14.42	109	269239	19.519	ng/ul	99
54) Dibenzofuran	14.58	168	2337732	19.344	ng/ul	99
55) 2,4-Dinitrotoluene	14.56	165	563297	20.621	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.82	232	503861	18.895	ng/ul	96
57) Diethylphthalate	15.02	149	1888753	19.615	ng/ul	97
59) Fluorene	15.23	166	1889268	19.269	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.23	204	980283	18.528	ng/ul	98
61) 4-Nitroaniline	15.26	138	362624	17.431	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.33	198	344776	20.476	ng/ul	95
65) N-Nitrosodiphenylamine	15.45	169	1647916	20.981	ng/ul	98
66) 4-Bromophenyl-phenylether	16.13	248	647562	19.793	ng/ul	96
67) Hexachlorobenzene	16.24	284	758993	19.691	ng/ul	98
68) Atrazine	16.42	200	587400	19.964	ng/ul	99
69) Pentachlorophenol	16.59	266	423503	18.531	ng/ul	98
70) Phenanthrene	16.97	178	3004687	20.377	ng/ul	100
72) Anthracene	17.06	178	3088834	20.832	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.96	216	799396	21.063	ng/uL	100
74) Pentachlorobenzene	14.50	250	831243	19.823	ng/uL	99
75) Carbazole	17.33	167	2739169	22.162	ng/ul	99
76) Di-n-butylphthalate	17.92	149	3131973	22.980	ng/ul	99
77) Fluoranthene	19.00	202	3546093	22.447	ng/ul	97
80) Pyrene	19.36	202	3677602	19.937	ng/ul	98
81) Butylbenzylphthalate	20.29	149	1446140	24.753	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.06	252	1240332	20.710	ng/ul	99
83) Benzo(a)anthracene	21.12	228	3805510	20.216	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.07	149	2094816	23.748	ng/ul	97
85) Chrysene	21.17	228	3576794	20.183	ng/ul	99
87) Di-n-octyl phthalate	21.94	149	3519288	21.289	ng/ul	100
88) Benzo(b)fluoranthene	22.65	252	4165313	19.319	ng/ul	99
89) Benzo(k)fluoranthene	22.70	252	3959154	19.060	ng/ul	99
91) Benzo(a)pyrene	23.20	252	3966000	20.093	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.43	276	4895046	23.193	ng/ul	99
93) Dibenzo(a,h)anthracene	25.44	278	4130640	23.190	ng/ul	100
94) Benzo(g,h,i)perylene	26.09	276	4073718	23.819	ng/ul	99

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

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