Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM011620\
Data File : BM024486.D
Acq On : 16 Jan 2020 09:27
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02019

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Quant Time: Jan 16 10:13:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 16 01:52:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	146953	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	669119	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.11	164	553551	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	1411544	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1537437	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	1538667	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	23103	7.68	ng/uL	0.00
5) Phenol-d5	6.66	99	193362	17.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	109153	18.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	186893	20.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	183606	18.28	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	95887	20.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	106905	21.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	241292	21.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	238703	18.73	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	866242	19.97	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	993349	19.90	ng/ul	0.00
52) 4-Nitrophenol-d4	14.32	143	140667	19.43	ng/ul	0.00
58) Fluorene-d10	15.11	176	794977	20.82	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.23	200	146057	18.13	ng/ul	0.00
71) Anthracene-d10	16.96	188	1321598	20.13	ng/ul	0.00
79) Pyrene-d10	19.26	212	1595481	19.41	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	1604070	20.10	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	24258	7.768	ng/uL	90
4) Benzaldehyde	6.62	77	80011m	13.850	ng/ul	
6) Phenol	6.68	94	198989	17.978	ng/ul	95
8) Bis(2-Chloroethyl)ether	6.90	93	159457	18.393	ng/ul	98
10) 2-Chlorophenol	7.03	128	185942	19.972	ng/ul	98
11) 2-Methylphenol	7.91	108	162543	17.917	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.00	45	177205	17.296	ng/ul	98
14) Acetophenone	8.27	105	302115	19.164	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.27	70	140347	18.830	ng/ul	98
16) 4-Methylphenol	8.24	108	187100	18.521	ng/ul	98
17) Hexachloroethane	8.53	117	86057	20.712	ng/ul	99
20) Nitrobenzene	8.64	77	225537	19.823	ng/ul	96
21) Isophorone	9.17	82	425786	19.007	ng/ul	98
23) 2-Nitrophenol	9.35	139	113956	20.469	ng/ul	98
24) 2,4-Dimethylphenol	9.43	107	244432	20.229	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.66	93	245933	19.081	ng/ul	99
27) 2,4-Dichlorophenol	9.88	162	233989	21.045	ng/ul	99
28) Naphthalene	10.27	128	680701	19.858	ng/ul	100
30) 4-Chloroaniline	10.38	127	236714	18.902	ng/ul	98
31) Hexachlorobutadiene	10.57	225	194527	21.981	ng/ul	99
32) Caprolactam	11.14	113	65829m	19.655	ng/ul	
33) 4-Chloro-3-methylphenol	11.52	107	237790	20.576	ng/ul	98
34) 2-Methylnaphthalene	11.90	142	546853	20.559	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.12	142	558031	20.695	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.27	216	368935	20.258	ng/ul	97
38) Hexachlorocyclopentadiene	12.27	237	259326	19.688	ng/ul	100
39) 2,4,6-Trichlorophenol	12.53	196	228120	20.474	ng/ul	99
40) 2,4,5-Trichlorophenol	12.59	196	245667	20.593	ng/ul	99
41) 1,1'-Biphenyl	12.93	154	775996	19.309	ng/ul	100
42) 2-Chloronaphthalene	12.97	162	636390	19.684	ng/ul	98
43) 2-Nitroaniline	13.17	65	151617	20.469	ng/ul	99
45) Dimethylphthalate	13.58	163	881092	19.984	ng/ul	100
46) 2,6-Dinitrotoluene	13.69	165	172400	20.779	ng/ul	95
48) Acenaphthylene	13.82	152	1016671	19.938	ng/ul	99
49) 3-Nitroaniline	14.01	138	115196	16.841	ng/ul	99
50) Acenaphthene	14.17	153	681607	19.750	ng/ul	97
51) 2,4-Dinitrophenol	14.22	184	83575	18.436	ng/ul	97
53) 4-Nitrophenol	14.34	109	151180	22.459	ng/ul	87
54) Dibenzofuran	14.52	168	1026808	20.309	ng/ul	99
55) 2,4-Dinitrotoluene	14.48	165	264906	21.355	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.74	232	248795	21.489	ng/ul	99
57) Diethylphthalate	14.97	149	947282	20.925	ng/ul	99
59) Fluorene	15.17	166	883885	20.677	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.17	204	512821	21.032	ng/ul	99
61) 4-Nitroaniline	15.19	138	139227	17.064	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.24	198	160452	18.828	ng/ul#	97
65) N-Nitrosodiphenylamine	15.39	169	769224	19.621	ng/ul	98
66) 4-Bromophenyl-phenylether	16.07	248	337078	20.143	ng/ul	99
67) Hexachlorobenzene	16.17	284	382744	19.917	ng/ul	99
68) Atrazine	16.35	200	329296	19.959	ng/ul	97
69) Pentachlorophenol	16.52	266	222226	19.423	ng/ul	99
70) Phenanthrene	16.90	178	1513114	19.877	ng/ul	100
72) Anthracene	16.99	178	1557825	20.068	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.89	216	375141	18.690	ng/uL	97
74) Pentachlorobenzene	14.44	250	412216	19.400	ng/uL	100
75) Carbazole	17.26	167	1297751	19.868	ng/ul	99
76) Di-n-butylphthalate	17.86	149	1706278	20.779	ng/ul	99
77) Fluoranthene	18.93	202	1950480	20.964	ng/ul	99
80) Pyrene	19.29	202	2012126	19.118	ng/ul	98
81) Butylbenzylphthalate	20.23	149	757923	20.505	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.00	252	556131	16.809	ng/ul	98
83) Benzo(a)anthracene	21.06	228	2090004	19.956	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.03	149	1200613	20.518	ng/ul	99
85) Chrysene	21.10	228	2028106	20.096	ng/ul	99
87) Di-n-octyl phthalate	21.89	149	1955658	18.569	ng/ul	100
88) Benzo(b)fluoranthene	22.56	252	2023007	19.892	ng/ul	99
89) Benzo(k)fluoranthene	22.61	252	2014207	20.153	ng/ul	100
91) Benzo(a)pyrene	23.10	252	1783531	20.181	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.27	276	1851004	20.017	ng/ul	97
93) Dibenzo(a,h)anthracene	25.28	278	1579825	20.130	ng/ul	99
94) Benzo(g,h,i)perylene	25.89	276	1467707	19.971	ng/ul	98

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

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