Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024926.D
Acq On : 18 Feb 2020 11:43
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02022

Manual Integrations APPROVED
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2/18/2020 3:18:05 PM

Quant Time: Feb 18 12:31:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 18 02:53:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	240097	20.00	ng/ul	0.00
18) Naphthalene-d8	10.14	136	872726	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.03	164	561970	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	1215174	20.00	ng/ul	0.00
78) Chrysene-d12	21.01	240	1236188	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	1468319	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	50568	10.13	ng/uL	0.00
5) Phenol-d5	6.59	99	332783	20.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	205775	22.84	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	285587	19.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	255296	18.97	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	132547	21.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.24	143	149836	20.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	299531	19.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	309673	22.01	ng/ul	0.00
44) Dimethylphthalate-d6	13.46	166	814052	19.19	ng/ul	0.00
47) Acenaphthylene-d8	13.72	160	963283	19.44	ng/ul	0.00
52) 4-Nitrophenol-d4	14.26	143	119937	17.40	ng/ul	0.00
58) Fluorene-d10	15.04	176	733095	19.52	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.17	200	129895	16.40	ng/ul	0.00
71) Anthracene-d10	16.89	188	1133050	20.43	ng/ul	0.00
79) Pyrene-d10	19.20	212	1278380	20.67	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	1460485	19.80	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.07	88	49243	9.355	ng/uL#	86
4) Benzaldehyde	6.55	77	148792	14.184	ng/ul	97
6) Phenol	6.62	94	362320	21.581	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.83	93	294366	21.714	ng/ul	98
10) 2-Chlorophenol	6.96	128	307239	21.089	ng/ul	99
11) 2-Methylphenol	7.84	108	263134	20.193	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	7.93	45	132843m	12.461	ng/ul	
14) Acetophenone	8.20	105	430480	20.298	ng/ul#	92
15) N-Nitroso-di-n-propylamine	8.20	70	207303	20.680	ng/ul#	85
16) 4-Methylphenol	8.16	108	280359	19.927	ng/ul	98
17) Hexachloroethane	8.45	117	142357	21.670	ng/ul	96
20) Nitrobenzene	8.57	77	347152	23.168	ng/ul	92
21) Isophorone	9.09	82	590528	21.733	ng/ul	95
23) 2-Nitrophenol	9.27	139	163209	20.335	ng/ul	92
24) 2,4-Dimethylphenol	9.35	107	318790	21.261	ng/ul	92
25) Bis(2-Chloroethoxy)methane	9.58	93	369078	21.654	ng/ul	98
27) 2,4-Dichlorophenol	9.80	162	306121	20.606	ng/ul	97
28) Naphthalene	10.19	128	920681	20.647	ng/ul	99
30) 4-Chloroaniline	10.31	127	332277	23.659	ng/ul	98
31) Hexachlorobutadiene	10.49	225	242365	19.640	ng/ul	98
32) Caprolactam	11.07	113	68350m	17.551	ng/ul	
33) 4-Chloro-3-methylphenol	11.45	107	273923	19.872	ng/ul	95
34) 2-Methylnaphthalene	11.82	142	665162	20.251	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.04	142	639146	19.511 ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.20	216	418787	21.073 ng/ul	96
38) Hexachlorocyclopentadiene	12.19	237	225761	16.110 ng/ul	100
39) 2,4,6-Trichlorophenol	12.45	196	247822	20.260 ng/ul	96
40) 2,4,5-Trichlorophenol	12.52	196	260323	20.362 ng/ul	98
41) 1,1'-Biphenyl	12.86	154	882237	21.266 ng/ul#	98
42) 2-Chloronaphthalene	12.89	162	697122	20.581 ng/ul	98
43) 2-Nitroaniline	13.10	65	164601	23.045 ng/ul	89
45) Dimethylphthalate	13.51	163	840684	18.998 ng/ul	100
46) 2,6-Dinitrotoluene	13.62	165	173226	19.358 ng/ul	91
48) Acenaphthylene	13.75	152	1023306	19.942 ng/ul	99
49) 3-Nitroaniline	13.95	138	140463	20.840 ng/ul	86
50) Acenaphthene	14.10	153	702579	20.274 ng/ul	98
51) 2,4-Dinitrophenol	14.17	184	76292	13.995 ng/ul	100
53) 4-Nitrophenol	14.27	109	106623	18.940 ng/ul	90
54) Dibenzofuran	14.44	168	1059764	20.515 ng/ul	99
55) 2,4-Dinitrotoluene	14.42	165	247344	19.368 ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.68	232	242084	19.378 ng/ul#	99
57) Diethylphthalate	14.90	149	820178	18.732 ng/ul	99
59) Fluorene	15.10	166	833240	19.572 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.10	204	467410	19.068 ng/ul	96
61) 4-Nitroaniline	15.12	138	140143	16.789 ng/ul	91
64) 4,6-Dinitro-2-methylphenol	15.19	198	144253	17.015 ng/ul	99
65) N-Nitrosodiphenylamine	15.32	169	725404	21.371 ng/ul	99
66) 4-Bromophenyl-phenylether	16.00	248	308121	20.236 ng/ul	99
67) Hexachlorobenzene	16.11	284	355971	19.781 ng/ul	98
68) Atrazine	16.29	200	266236	18.255 ng/ul	99
69) Pentachlorophenol	16.46	266	196436	18.243 ng/ul	100
70) Phenanthrene	16.83	178	1345813	20.312 ng/ul	98
72) Anthracene	16.93	178	1364429	20.305 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.82	216	414895	20.793 ng/uL	96
74) Pentachlorobenzene	14.37	250	416781	19.682 ng/uL	99
75) Carbazole	17.20	167	1148349	20.513 ng/ul	100
76) Di-n-butylphthalate	17.80	149	1348717	18.936 ng/ul	100
77) Fluoranthene	18.86	202	1595588	19.617 ng/ul	97
80) Pyrene	19.23	202	1677779	20.504 ng/ul#	95
81) Butylbenzylphthalate	20.17	149	598901	19.567 ng/ul	94
82) 3,3'-Dichlorobenzidine	20.94	252	516578	17.877 ng/ul	96
83) Benzo(a)anthracene	20.99	228	1777368	21.345 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	20.97	149	887789	18.325 ng/ul	99
85) Chrysene	21.04	228	1642053	20.030 ng/ul	99
87) Di-n-octyl phthalate	21.82	149	1470251	16.756 ng/ul	100
88) Benzo(b)fluoranthene	22.49	252	1809509	19.380 ng/ul	98
89) Benzo(k)fluoranthene	22.53	252	1801314	20.044 ng/ul	99
91) Benzo(a)pyrene	23.01	252	1751852	20.928 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.14	276	2105621	20.205 ng/ul	97
93) Dibenzo(a,h)anthracene	25.16	278	1792913	20.192 ng/ul	99
94) Benzo(g,h,i)perylene	25.76	276	1776648	20.498 ng/ul	98

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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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