Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052820\
Data File : BM026169.D
Acq On : 28 May 2020 23:33
Operator : MA/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02083

Manual Integrations APPROVED
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5/29/2020 10:30:10 PM

Quant Time: May 29 02:45:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 28 11:12:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	184504	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	773671	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	464137	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	975535	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	992122	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	1020285	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	34716	5.68	ng/uL	0.00
5) Phenol-d5	6.67	99	314573	18.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	205833	17.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	237484	18.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	242834	19.25	ng/ul	0.00
19) Nitrobenzene-d5	8.62	128	116223	18.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.34	143	120906	19.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	231906	18.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	297302	23.40	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	643980	17.30	ng/ul	0.00
47) Acenaphthylene-d8	13.81	160	792236	17.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.35	143	116041	17.61	ng/ul	0.00
58) Fluorene-d10	15.13	176	562919	17.39	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	102951	18.10	ng/ul	0.00
71) Anthracene-d10	16.97	188	849541	17.67	ng/ul	0.00
79) Pyrene-d10	19.27	212	932973	18.31	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	968969	17.84	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	38268	6.022	ng/uL	91
4) Benzaldehyde	6.63	77	213733	19.623	ng/ul	94
6) Phenol	6.70	94	343822	18.325	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.92	93	261831	18.137	ng/ul	97
10) 2-Chlorophenol	7.05	128	257556	18.037	ng/ul	94
11) 2-Methylphenol	7.93	108	247685	19.160	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.01	45	453409	17.303	ng/ul	98
14) Acetophenone	8.30	105	401740	18.984	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.29	70	223257	17.904	ng/ul	93
16) 4-Methylphenol	8.26	108	268592	19.105	ng/ul	96
17) Hexachloroethane	8.54	117	105016	17.143	ng/ul	95
20) Nitrobenzene	8.66	77	324837	16.769	ng/ul	95
21) Isophorone	9.19	82	576325	17.887	ng/ul	99
23) 2-Nitrophenol	9.37	139	138753	19.132	ng/ul	90
24) 2,4-Dimethylphenol	9.45	107	300023	17.317	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.67	93	342428	16.851	ng/ul	98
27) 2,4-Dichlorophenol	9.90	162	235411	18.119	ng/ul	97
28) Naphthalene	10.29	128	814401	17.216	ng/ul	99
30) 4-Chloroaniline	10.41	127	309320	23.305	ng/ul	100
31) Hexachlorobutadiene	10.59	225	151055	17.328	ng/ul	96
32) Caprolactam	11.18	113	74424m	20.596	ng/ul	
33) 4-Chloro-3-methylphenol	11.55	107	273584	18.182	ng/ul	98
34) 2-Methylnaphthalene	11.91	142	559335	17.580	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.13	142	523723	17.742 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.29	216	287204	17.264 ng/ul	97
38) Hexachlorocyclopentadiene	12.27	237	156786	16.348 ng/ul	99
39) 2,4,6-Trichlorophenol	12.55	196	183388	18.949 ng/ul	98
40) 2,4,5-Trichlorophenol	12.62	196	198329	18.570 ng/ul	99
41) 1,1'-Biphenyl	12.95	154	706981	17.166 ng/ul	99
42) 2-Chloronaphthalene	12.99	162	549174	17.280 ng/ul	97
43) 2-Nitroaniline	13.20	65	195892	18.288 ng/ul	94
45) Dimethylphthalate	13.60	163	665103	17.020 ng/ul	99
46) 2,6-Dinitrotoluene	13.71	165	137127	19.124 ng/ul	96
48) Acenaphthylene	13.84	152	851000	17.578 ng/ul	99
49) 3-Nitroaniline	14.04	138	140035	21.942 ng/ul	91
50) Acenaphthene	14.19	153	589330	17.261 ng/ul	99
51) 2,4-Dinitrophenol	14.25	184	66208	16.798 ng/ul	90
53) 4-Nitrophenol	14.36	109	97762	16.668 ng/ul	93
54) Dibenzofuran	14.53	168	822153	17.135 ng/ul	98
55) 2,4-Dinitrotoluene	14.50	165	200386	18.857 ng/ul	91
56) 2,3,4,6-Tetrachlorophenol	14.76	232	171319	19.075 ng/ul	99
57) Diethylphthalate	14.97	149	669567	17.328 ng/ul	99
59) Fluorene	15.18	166	679308	17.502 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.19	204	338123	17.456 ng/ul	95
61) 4-Nitroaniline	15.20	138	154278	19.351 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.27	198	105601	17.634 ng/ul	90
65) N-Nitrosodiphenylamine	15.40	169	573106	17.529 ng/ul	99
66) 4-Bromophenyl-phenylether	16.08	248	207475	18.263 ng/ul	95
67) Hexachlorobenzene	16.19	284	229070	17.933 ng/ul	94
68) Atrazine	16.36	200	199648	18.647 ng/ul	99
69) Pentachlorophenol	16.53	266	127198	18.081 ng/ul	98
70) Phenanthrene	16.92	178	1051782	17.116 ng/ul	99
72) Anthracene	17.00	178	1074801	17.434 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.91	216	289024	17.737 ng/uL	99
74) Pentachlorobenzene	14.45	250	272045	17.598 ng/uL	99
75) Carbazole	17.28	167	959671	18.816 ng/ul	99
76) Di-n-butylphthalate	17.87	149	1115307	18.258 ng/ul	99
77) Fluoranthene	18.94	202	1205232	18.698 ng/ul	99
80) Pyrene	19.30	202	1250324	17.952 ng/ul	98
81) Butylbenzylphthalate	20.23	149	503550	20.425 ng/ul	94
82) 3,3'-Dichlorobenzidine	21.00	252	395925	21.792 ng/ul	100
83) Benzo(a)anthracene	21.06	228	1195287	17.479 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.02	149	744586	19.484 ng/ul	99
85) Chrysene	21.11	228	1159241	17.055 ng/ul	100
87) Di-n-octyl phthalate	21.87	149	1268723	19.786 ng/ul	100
88) Benzo(b)fluoranthene	22.57	252	1179409	17.090 ng/ul	99
89) Benzo(k)fluoranthene	22.61	252	1194056	17.322 ng/ul	99
91) Benzo(a)pyrene	23.10	252	1062141	17.488 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.27	276	1348976	17.114 ng/ul	98
93) Dibenzo(a,h)anthracene	25.28	278	1131772	16.956 ng/ul	100
94) Benzo(g,h,i)perylene	25.90	276	1106791	16.823 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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