Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051520\
Data File : BM025997.D
Acq On : 15 May 2020 20:20
Operator : MA/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02059

Manual Integrations APPROVED
Sohil
5/18/2020 10:00:25 AM

Quant Time: May 15 20:55:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 15 12:17:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	144114	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	587972	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.15	164	341273	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.90	188	725399	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	769065	20.00	ng/ul	0.00
86) Perylene-d12	23.22	264	801090	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	35970	7.53	ng/uL	0.00
5) Phenol-d5	6.69	99	269261	20.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	190187	21.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	199163	19.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	204097	20.72	ng/ul	0.00
19) Nitrobenzene-d5	8.65	128	96602	20.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	95061	20.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.90	165	187384	19.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.41	131	233149	24.15	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	530206	19.37	ng/ul	0.00
47) Acenaphthylene-d8	13.84	160	645672	19.91	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	98635	20.35	ng/ul	0.00
58) Fluorene-d10	15.15	176	464793	19.53	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.28	200	80812	19.11	ng/ul	0.00
71) Anthracene-d10	17.00	188	694849	19.44	ng/ul	0.00
79) Pyrene-d10	19.30	212	768897	19.46	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.09	264	827004	19.40	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.11	88	37752	7.605	ng/uL	94
4) Benzaldehyde	6.66	77	194381	22.849	ng/ul	97
6) Phenol	6.72	94	298548	20.371	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.95	93	231502	20.530	ng/ul	99
10) 2-Chlorophenol	7.08	128	215038	19.280	ng/ul	99
11) 2-Methylphenol	7.95	108	207532	20.553	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.05	45	433008	21.156	ng/ul	99
14) Acetophenone	8.32	105	344644	20.851	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.32	70	196587	20.183	ng/ul	99
16) 4-Methylphenol	8.28	108	228798	20.835	ng/ul	100
17) Hexachloroethane	8.57	117	93058	19.448	ng/ul	97
20) Nitrobenzene	8.69	77	289649	19.675	ng/ul	99
21) Isophorone	9.22	82	489963	20.010	ng/ul	99
23) 2-Nitrophenol	9.40	139	110547	20.057	ng/ul	95
24) 2,4-Dimethylphenol	9.47	107	256505	19.481	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.70	93	297269	19.248	ng/ul	99
27) 2,4-Dichlorophenol	9.93	162	194035	19.651	ng/ul	98
28) Naphthalene	10.32	128	678265	18.867	ng/ul	99
30) 4-Chloroaniline	10.43	127	244927	24.282	ng/ul	99
31) Hexachlorobutadiene	10.62	225	126088	19.032	ng/ul	98
32) Caprolactam	11.20	113	54820m	19.962	ng/ul	
33) 4-Chloro-3-methylphenol	11.57	107	228506	19.982	ng/ul	98
34) 2-Methylnaphthalene	11.94	142	464254	19.200	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.16	142	433517	19.325	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.32	216	234048	19.134	ng/ul	99
38) Hexachlorocyclopentadiene	12.31	237	138544	19.647	ng/ul	99
39) 2,4,6-Trichlorophenol	12.57	196	144055	20.243	ng/ul	98
40) 2,4,5-Trichlorophenol	12.64	196	156906	19.981	ng/ul	99
41) 1,1'-Biphenyl	12.97	154	585503	19.335	ng/ul	100
42) 2-Chloronaphthalene	13.01	162	446567	19.110	ng/ul	99
43) 2-Nitroaniline	13.22	65	165209	20.976	ng/ul	98
45) Dimethylphthalate	13.62	163	554286	19.291	ng/ul	99
46) 2,6-Dinitrotoluene	13.73	165	109007	20.676	ng/ul	97
48) Acenaphthylene	13.87	152	697062	19.582	ng/ul	100
49) 3-Nitroaniline	14.06	138	104891	22.352	ng/ul	100
50) Acenaphthene	14.22	153	480246	19.130	ng/ul	98
51) 2,4-Dinitrophenol	14.27	184	52266	18.035	ng/ul	97
53) 4-Nitrophenol	14.38	109	89179	20.678	ng/ul	96
54) Dibenzofuran	14.55	168	679327	19.255	ng/ul	98
55) 2,4-Dinitrotoluene	14.53	165	159554	20.421	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	14.79	232	135251	20.480	ng/ul	98
57) Diethylphthalate	15.00	149	558197	19.647	ng/ul	99
59) Fluorene	15.20	166	560000	19.622	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.21	204	273518	19.205	ng/ul	99
61) 4-Nitroaniline	15.23	138	125261	21.367	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.29	198	87823	19.723	ng/ul	97
65) N-Nitrosodiphenylamine	15.42	169	472956	19.454	ng/ul	99
66) 4-Bromophenyl-phenylether	16.10	248	164392	19.460	ng/ul	97
67) Hexachlorobenzene	16.22	284	184652	19.441	ng/ul	99
68) Atrazine	16.39	200	163220	20.501	ng/ul	99
69) Pentachlorophenol	16.56	266	103789	19.841	ng/ul	95
70) Phenanthrene	16.94	178	873038	19.106	ng/ul	99
72) Anthracene	17.03	178	894852	19.520	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.94	216	231960	19.144	ng/uL	100
74) Pentachlorobenzene	14.47	250	220410	19.175	ng/uL	98
75) Carbazole	17.30	167	793155	20.913	ng/ul	99
76) Di-n-butylphthalate	17.89	149	922416	20.308	ng/ul	99
77) Fluoranthene	18.96	202	1000665	20.877	ng/ul	99
80) Pyrene	19.33	202	1046123	19.376	ng/ul	98
81) Butylbenzylphthalate	20.26	149	394364	20.636	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.02	252	301939	21.439	ng/ul	99
83) Benzo(a)anthracene	21.08	228	1029932	19.429	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	612823	20.687	ng/ul	100
85) Chrysene	21.13	228	998252	18.946	ng/ul	98
87) Di-n-octyl phthalate	21.90	149	1008062	20.022	ng/ul	100
88) Benzo(b)fluoranthene	22.59	252	1055961	19.488	ng/ul	100
89) Benzo(k)fluoranthene	22.64	252	1021487	18.874	ng/ul	99
91) Benzo(a)pyrene	23.13	252	933700	19.580	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.32	276	1193936	19.292	ng/ul	100
93) Dibenzo(a,h)anthracene	25.32	278	1001808	19.116	ng/ul	99
94) Benzo(g,h,i)perylene	25.94	276	987788	19.122	ng/ul	100

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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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