Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052120\
Data File : BM026074.D
Acq On : 22 May 2020 01:34
Operator : MA/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02071

Manual Integrations APPROVED
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Quant Time: May 22 04:33:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 21 10:18:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	151336	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	622926	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	378912	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	817955	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	871957	20.00	ng/ul	0.00
86) Perylene-d12	23.21	264	896715	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	32586	6.50	ng/uL	0.00
5) Phenol-d5	6.69	99	286954	20.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	189021	19.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	215968	20.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.21	113	220905	21.35	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	104306	20.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	111446	22.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	207643	20.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	268993	26.29	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	587678	19.34	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	718712	19.96	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	115208	21.41	ng/ul	0.00
58) Fluorene-d10	15.14	176	510302	19.31	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	92312	19.36	ng/ul	0.00
71) Anthracene-d10	16.99	188	786524	19.51	ng/ul	0.00
79) Pyrene-d10	19.29	212	896469	20.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	954413	20.00	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	35796	6.867	ng/uL	92
4) Benzaldehyde	6.65	77	203867	22.820	ng/ul	96
6) Phenol	6.72	94	315454	20.498	ng/ul	95
8) Bis(2-Chloroethyl)ether	6.93	93	239791	20.250	ng/ul	99
10) 2-Chlorophenol	7.07	128	231471	19.763	ng/ul	98
11) 2-Methylphenol	7.95	108	226398	21.351	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.03	45	422129	19.640	ng/ul	98
14) Acetophenone	8.31	105	360823	20.788	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.30	70	202552	19.803	ng/ul	94
16) 4-Methylphenol	8.27	108	247264	21.442	ng/ul	99
17) Hexachloroethane	8.56	117	96586	19.222	ng/ul	96
20) Nitrobenzene	8.68	77	294771	18.899	ng/ul	96
21) Isophorone	9.21	82	518466	19.986	ng/ul	98
23) 2-Nitrophenol	9.39	139	125673	21.522	ng/ul	90
24) 2,4-Dimethylphenol	9.46	107	271333	19.451	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.69	93	312440	19.096	ng/ul	99
27) 2,4-Dichlorophenol	9.92	162	213201	20.381	ng/ul	96
28) Naphthalene	10.30	128	729482	19.153	ng/ul	99
30) 4-Chloroaniline	10.42	127	281838	26.373	ng/ul	99
31) Hexachlorobutadiene	10.60	225	133053	18.956	ng/ul	97
32) Caprolactam	11.19	113	71007m	24.406	ng/ul	
33) 4-Chloro-3-methylphenol	11.56	107	251489	20.758	ng/ul	97
34) 2-Methylnaphthalene	11.93	142	504233	19.683	ng/ul	98

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.15	142	470897	19.813	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.31	216	257425	18.955	ng/ul	98
38) Hexachlorocyclopentadiene	12.30	237	145932	18.639	ng/ul	96
39) 2,4,6-Trichlorophenol	12.56	196	163885	20.742	ng/ul	99
40) 2,4,5-Trichlorophenol	12.63	196	182013	20.876	ng/ul	98
41) 1,1'-Biphenyl	12.96	154	640071	19.037	ng/ul	99
42) 2-Chloronaphthalene	13.00	162	488186	18.816	ng/ul	99
43) 2-Nitroaniline	13.22	65	181406	20.745	ng/ul	91
45) Dimethylphthalate	13.61	163	610201	19.127	ng/ul	99
46) 2,6-Dinitrotoluene	13.72	165	126730	21.650	ng/ul	96
48) Acenaphthylene	13.86	152	771415	19.519	ng/ul	100
49) 3-Nitroaniline	14.05	138	132520	25.435	ng/ul	93
50) Acenaphthene	14.20	153	529057	18.981	ng/ul	99
51) 2,4-Dinitrophenol	14.26	184	58943	18.318	ng/ul	93
53) 4-Nitrophenol	14.37	109	95841	20.015	ng/ul	94
54) Dibenzofuran	14.54	168	745388	19.029	ng/ul	98
55) 2,4-Dinitrotoluene	14.52	165	183357	21.136	ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	14.77	232	154525	21.074	ng/ul	99
57) Diethylphthalate	14.99	149	616428	19.541	ng/ul	99
59) Fluorene	15.20	166	611551	19.300	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.20	204	305709	19.333	ng/ul	97
61) 4-Nitroaniline	15.22	138	152787	23.474	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.29	198	96597	19.238	ng/ul	92
65) N-Nitrosodiphenylamine	15.42	169	529964	19.332	ng/ul	99
66) 4-Bromophenyl-phenylether	16.09	248	184145	19.332	ng/ul	98
67) Hexachlorobenzene	16.20	284	207492	19.373	ng/ul	99
68) Atrazine	16.38	200	186018	20.721	ng/ul	98
69) Pentachlorophenol	16.55	266	116185	19.698	ng/ul	99
70) Phenanthrene	16.93	178	976672	18.956	ng/ul	100
72) Anthracene	17.02	178	1001231	19.369	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.93	216	255268	18.684	ng/uL	99
74) Pentachlorobenzene	14.47	250	244230	18.843	ng/uL	98
75) Carbazole	17.29	167	915167	21.400	ng/ul	99
76) Di-n-butylphthalate	17.88	149	1060913	20.714	ng/ul	99
77) Fluoranthene	18.95	202	1157908	21.424	ng/ul	98
80) Pyrene	19.32	202	1193599	19.499	ng/ul	100
81) Butylbenzylphthalate	20.24	149	494619	22.828	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.02	252	392299	24.568	ng/ul	96
83) Benzo(a)anthracene	21.07	228	1179918	19.632	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.03	149	728391	21.687	ng/ul	100
85) Chrysene	21.12	228	1144985	19.167	ng/ul	100
87) Di-n-octyl phthalate	21.89	149	1254477	22.259	ng/ul	100
88) Benzo(b)fluoranthene	22.58	252	1212500	19.990	ng/ul	99
89) Benzo(k)fluoranthene	22.62	252	1142477	18.858	ng/ul	99
91) Benzo(a)pyrene	23.11	252	1046033	19.597	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.29	276	1328428	19.176	ng/ul	97
93) Dibenzo(a,h)anthracene	25.30	278	1125402	19.184	ng/ul	99
94) Benzo(g,h,i)perylene	25.93	276	1065333	18.424	ng/ul	97

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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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