Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050721\
Data File : BM029899.D
Acq On : 08 May 2021 05:59
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: May 08 06:45:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 07 23:49:53 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD020028

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	130373	20.00	ng/ul	0.00
20) Naphthalene-d8	10.33	136	607341	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.20	164	405556	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.95	188	827590	20.00	ng/ul	0.00
79) Chrysene-d12	21.13	240	885275	20.00	ng/ul	0.00
88) Perylene-d12	23.29	264	800940	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	22234	6.81	ng/uL	0.00
4) Pyridine-d5	3.48	84	151911	18.59	ng/ul	0.00
7) Phenol-d5	6.74	99	241559	19.92	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.90	67	159178	21.17	ng/ul	0.00
11) 2-Chlorophenol-d4	7.09	132	194552	20.79	ng/ul	0.00
15) 4-Methylphenol-d8	8.27	113	194164	19.36	ng/ul	0.00
21) Nitrobenzene-d5	8.71	128	86925	20.77	ng/ul	0.00
24) 2-Nitrophenol-d4	9.43	143	93862	19.87	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.96	165	187608	19.81	ng/ul	0.00
31) 4-Chloroaniline-d4	10.47	131	258588	17.94	ng/ul	0.00
46) Dimethylphthalate-d6	13.62	166	594299	18.91	ng/ul	0.00
49) Acenaphthylene-d8	13.89	160	775965	19.48	ng/ul	0.00
54) 4-Nitrophenol-d4	14.43	143	90194	17.62	ng/ul	0.00
60) Fluorene-d10	15.20	176	509245	19.08	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.33	200	89615	16.67	ng/ul	0.00
73) Anthracene-d10	17.04	188	803653	19.28	ng/ul	0.00
81) Pyrene-d10	19.34	212	887334	19.54	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.15	264	882885	19.45	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	22809	6.456	ng/uL	90
5) Pyridine	3.50	79	151290	18.046	ng/ul#	79
6) Benzaldehyde	6.71	77	155122	24.786	ng/ul	96
8) Phenol	6.76	94	248587	20.083	ng/ul	95
10) Bis(2-Chloroethyl)ether	6.99	93	196914	20.119	ng/ul	96
12) 2-Chlorophenol	7.12	128	195201	20.455	ng/ul	97
13) 2-Methylphenol	8.00	108	182574	19.467	ng/ul	97
14) 2,2'-oxybis(1-Chloropropan	8.09	45	342579	23.237	ng/ul	95
16) Acetophenone	8.38	105	325226	20.212	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.36	70	177270	21.532	ng/ul	92
18) 4-Methylphenol	8.33	108	197728	19.018	ng/ul	97
19) Hexachloroethane	8.62	117	85229	21.139	ng/ul	92
22) Nitrobenzene	8.75	77	249014	22.833	ng/ul	95
23) Isophorone	9.27	82	488170	21.163	ng/ul	98
25) 2-Nitrophenol	9.46	139	107947	21.048	ng/ul	95
26) 2,4-Dimethylphenol	9.52	107	230081	19.882	ng/ul	97
27) Bis(2-Chloroethoxy)methane	9.76	93	276670	20.477	ng/ul	99
29) 2,4-Dichlorophenol	9.99	162	178500	19.189	ng/ul	98
30) Naphthalene	10.37	128	654089	19.403	ng/ul	99
32) 4-Chloroaniline	10.50	127	268940	18.110	ng/ul	99
33) Hexachlorobutadiene	10.66	225	115776	18.563	ng/ul	98
34) Caprolactam	11.32	113	60199m	18.235	ng/ul	

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35) 4-Chloro-3-methylphenol	11.63	107	209264	20.328	ng/ul	97
36) 2-Methylnaphthalene	12.00	142	472275	19.313	ng/ul	100
37) 1-Methylnaphthalene	12.22	142	467851	19.305	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.37	216	233405	18.625	ng/ul	99
40) Hexachlorocyclopentadiene	12.35	237	103886	15.958	ng/ul	99
41) 2,4,6-Trichlorophenol	12.63	196	147821	19.343	ng/ul	100
42) 2,4,5-Trichlorophenol	12.70	196	155711	19.252	ng/ul	97
43) 1,1'-Biphenyl	13.03	154	597648	18.957	ng/ul	97
44) 2-Chloronaphthalene	13.07	162	462540	19.118	ng/ul	99
45) 2-Nitroaniline	13.29	65	128470	21.009	ng/ul	93
47) Dimethylphthalate	13.67	163	595618	18.922	ng/ul	99
48) 2,6-Dinitrotoluene	13.79	165	107015	18.939	ng/ul	94
50) Acenaphthylene	13.92	152	749841	19.462	ng/ul	99
51) 3-Nitroaniline	14.12	138	114113	17.977	ng/ul	95
52) Acenaphthene	14.26	153	522833	19.201	ng/ul	99
53) 2,4-Dinitrophenol	14.34	184	70460	18.327	ng/ul	87
55) 4-Nitrophenol	14.45	109	106021	26.932	ng/ul	97
56) Dibenzofuran	14.60	168	712578	19.107	ng/ul	98
57) 2,4-Dinitrotoluene	14.59	165	167767	20.064	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	14.84	232	143255	18.600	ng/ul	99
59) Diethylphthalate	15.04	149	633914	19.309	ng/ul	99
61) Fluorene	15.26	166	605645	18.996	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.25	204	286088	18.261	ng/ul	96
63) 4-Nitroaniline	15.29	138	124130m	19.727	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.35	198	88580	16.743	ng/ul#	95
67) N-Nitrosodiphenylamine	15.47	169	514412	19.134	ng/ul	98
68) 4-Bromophenyl-phenylether	16.14	248	172445	18.720	ng/ul	96
69) Hexachlorobenzene	16.26	284	203809	18.631	ng/ul	95
70) Atrazine	16.43	200	170647	17.204	ng/ul	99
71) Pentachlorophenol	16.60	266	130401	20.804	ng/ul	98
72) Phenanthrene	16.99	178	939671	19.256	ng/ul	99
74) Anthracene	17.08	178	970335	19.450	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	12.99	216	248215	18.961	ng/uL	97
76) Pentachlorobenzene	14.52	250	229202	18.359	ng/uL	100
77) Carbazole	17.36	167	851730	18.633	ng/ul	99
78) Di-n-butylphthalate	17.92	149	1088260	20.058	ng/ul	99
80) Fluoranthene	19.01	202	1082190	19.580	ng/ul	98
82) Pyrene	19.37	202	1153004	19.823	ng/ul	99
83) Butylbenzylphthalate	20.29	149	457449	22.130	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.06	252	331475	16.458	ng/ul	99
85) Benzo(a)anthracene	21.12	228	1140096	19.739	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.06	149	766604	21.509	ng/ul	100
87) Chrysene	21.17	228	1123972	19.538	ng/ul	100
89) Di-n-octyl phthalate	21.92	149	1319863	21.534	ng/ul	100
90) Benzo(b)fluoranthene	22.64	252	1106558	21.299	ng/ul	98
91) Benzo(k)fluoranthene	22.69	252	1080285	19.778	ng/ul	98
93) Benzo(a)pyrene	23.20	252	929300	19.695	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.44	276	1060508	18.570	ng/ul	99
95) Dibenzo(a,h)anthracene	25.44	278	895109	18.490	ng/ul	98
96) Benzo(g,h,i)perylene	26.09	276	847980	18.326	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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