Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120420\
Data File : BM028021.D
Acq On : 04 Dec 2020 09:26
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 04 11:04:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120320.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 04 11:00:53 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD020008

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	184214	20.00	ng/ul	0.00
20) Naphthalene-d8	11.13	136	714325	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.91	164	390975	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.63	188	774499	20.00	ng/ul	0.00
79) Chrysene-d12	21.73	240	760258	20.00	ng/ul	0.00
88) Perylene-d12	24.14	264	801048	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	39052	7.91	ng/uL	0.00
4) Pyridine-d5	3.93	84	260677	19.59	ng/ul	0.00
7) Phenol-d5	7.42	99	300450	19.59	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.60	67	189778	19.91	ng/ul	0.00
11) 2-Chlorophenol-d4	7.81	132	255537	20.00	ng/ul	0.00
15) 4-Methylphenol-d8	8.99	113	236403	19.55	ng/ul	0.00
21) Nitrobenzene-d5	9.47	128	113840	20.53	ng/ul	0.00
24) 2-Nitrophenol-d4	10.20	143	115100	20.77	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.73	165	232659	20.70	ng/ul	0.00
31) 4-Chloroaniline-d4	11.25	131	312879	20.35	ng/ul	0.00
46) Dimethylphthalate-d6	14.30	166	600173	20.75	ng/ul	0.00
49) Acenaphthylene-d8	14.61	160	765030	20.60	ng/ul	0.00
54) 4-Nitrophenol-d4	15.07	143	110513	19.81	ng/ul	0.00
60) Fluorene-d10	15.89	176	530558	20.46	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	16.00	200	83537	18.58	ng/ul	0.00
73) Anthracene-d10	17.73	188	771134	20.31	ng/ul	0.00
81) Pyrene-d10	19.98	212	812603	20.36	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.99	264	865367	20.29	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	39967	7.880	ng/uL	93
5) Pyridine	3.96	79	265579	19.890	ng/ul	97
6) Benzaldehyde	7.41	77	140080m	22.097	ng/ul	
8) Phenol	7.45	94	306517	19.587	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.69	93	253269	19.655	ng/ul	96
12) 2-Chlorophenol	7.85	128	265231	20.170	ng/ul	99
13) 2-Methylphenol	8.73	108	227366	19.411	ng/ul	95
14) 2,2'-oxybis(1-Chloropropan	8.82	45	415650	20.046	ng/ul	99
16) Acetophenone	9.12	105	360160	19.900	ng/ul	99
17) N-Nitroso-di-n-propylamine	9.10	70	175902	20.455	ng/ul	99
18) 4-Methylphenol	9.06	108	246343	19.618	ng/ul	93
19) Hexachloroethane	9.39	117	112170	20.324	ng/ul	94
22) Nitrobenzene	9.51	77	278040	20.317	ng/ul	96
23) Isophorone	10.04	82	473767	20.695	ng/ul	100
25) 2-Nitrophenol	10.23	139	131225	20.940	ng/ul	98
26) 2,4-Dimethylphenol	10.27	107	264209	20.515	ng/ul	95
27) Bis(2-Chloroethoxy)methane	10.51	93	323122	20.561	ng/ul	98
29) 2,4-Dichlorophenol	10.76	162	227731	20.710	ng/ul	99
30) Naphthalene	11.17	128	818021	20.279	ng/ul	100
32) 4-Chloroaniline	11.27	127	305952	20.548	ng/ul	98
33) Hexachlorobutadiene	11.46	225	147263	20.453	ng/ul	98
34) Caprolactam	12.04	113	60297	19.031	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.37	107	229005	20.764	ng/ul	99
36) 2-Methylnaphthalene	12.76	142	542376	20.450	ng/ul	99
37) 1-Methylnaphthalene	12.98	142	518913	20.353	ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	267442	20.099	ng/ul	98
40) Hexachlorocyclopentadiene	13.10	237	146903	19.370	ng/ul	99
41) 2,4,6-Trichlorophenol	13.35	196	163103	20.454	ng/ul	96
42) 2,4,5-Trichlorophenol	13.42	196	175771	20.528	ng/ul	99
43) 1,1'-Biphenyl	13.75	154	676718	20.200	ng/ul	100
44) 2-Chloronaphthalene	13.80	162	532911	20.191	ng/ul	99
45) 2-Nitroaniline	13.99	65	136940	20.868	ng/ul	97
47) Dimethylphthalate	14.35	163	613751	20.522	ng/ul	99
48) 2,6-Dinitrotoluene	14.47	165	121376	21.377	ng/ul	96
50) Acenaphthylene	14.64	152	785366	20.409	ng/ul	100
51) 3-Nitroaniline	14.80	138	117597	20.868	ng/ul	97
52) Acenaphthene	14.97	153	561745	20.341	ng/ul	99
53) 2,4-Dinitrophenol	15.00	184	58257	17.838	ng/ul	97
55) 4-Nitrophenol	15.09	109	83122	20.263	ng/ul	94
56) Dibenzofuran	15.30	168	758430	20.275	ng/ul	99
57) 2,4-Dinitrotoluene	15.25	165	170062	21.375	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.52	232	143237	20.826	ng/ul	99
59) Diethylphthalate	15.70	149	617500	21.075	ng/ul	100
61) Fluorene	15.94	166	626135	20.505	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.93	204	304988	20.397	ng/ul	100
63) 4-Nitroaniline	15.95	138	97895	19.609	ng/ul	99
66) 4,6-Dinitro-2-methylphenol	16.01	198	93041	18.797	ng/ul	98
67) N-Nitrosodiphenylamine	16.14	169	514496	20.197	ng/ul	99
68) 4-Bromophenyl-phenylether	16.82	248	179801	20.312	ng/ul	95
69) Hexachlorobenzene	16.94	284	206327	20.205	ng/ul	99
70) Atrazine	17.07	200	174350	20.225	ng/ul	99
71) Pentachlorophenol	17.27	266	110319	19.305	ng/ul	98
72) Phenanthrene	17.67	178	950876	20.192	ng/ul	99
74) Anthracene	17.76	178	971349	20.252	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.72	216	258341	19.751	ng/uL	99
76) Pentachlorobenzene	15.23	250	249391	19.896	ng/uL	99
77) Carbazole	18.02	167	832504	20.398	ng/ul	99
78) Di-n-butylphthalate	18.56	149	1006360	21.632	ng/ul	100
80) Fluoranthene	19.65	202	1061019	20.289	ng/ul	100
82) Pyrene	20.01	202	1107337	20.289	ng/ul	99
83) Butylbenzylphthalate	20.86	149	432046	22.055	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.64	252	345145	20.488	ng/ul	98
85) Benzo(a)anthracene	21.72	228	1031034	20.429	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.62	149	643225	21.703	ng/ul	99
87) Chrysene	21.77	228	1018612	20.421	ng/ul	99
89) Di-n-octyl phthalate	22.54	149	1113712	20.511	ng/ul	100
90) Benzo(b)fluoranthene	23.41	252	1076789	20.375	ng/ul	99
91) Benzo(k)fluoranthene	23.46	252	1023199	20.063	ng/ul	99
93) Benzo(a)pyrene	24.03	252	972121	20.220	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.62	276	1189861	20.158	ng/ul	98
95) Dibenzo(a,h)anthracene	26.63	278	1009877	20.241	ng/ul	99
96) Benzo(g,h,i)perylene	27.39	276	1010901	20.298	ng/ul	100

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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