Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029786.D
Acq On : 04 May 2021 12:11
Operator : CG/JU
Sample : SSTD04013
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 04 13:26:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 04 12:20:39 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD040013

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	103615	20.00	ng/ul	0.00
20) Naphthalene-d8	10.35	136	423552	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.22	164	252972	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.96	188	485647	20.00	ng/ul	0.00
79) Chrysene-d12	21.15	240	522011	20.00	ng/ul	0.00
88) Perylene-d12	23.31	264	555059	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	46010	21.70	ng/uL	0.00
4) Pyridine-d5	3.49	84	272584	59.39	ng/ul	0.00
7) Phenol-d5	6.76	99	370606	53.12	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.92	67	229548	62.82	ng/ul	0.00
11) 2-Chlorophenol-d4	7.10	132	311747	49.40	ng/ul	0.00
15) 4-Methylphenol-d8	8.29	113	293493	49.11	ng/ul	0.00
21) Nitrobenzene-d5	8.73	128	139556	45.24	ng/ul	0.00
24) 2-Nitrophenol-d4	9.44	143	155315	39.77	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.97	165	286580	35.12	ng/ul	0.00
31) 4-Chloroaniline-d4	10.49	131	384934	41.84	ng/ul	0.00
46) Dimethylphthalate-d6	13.64	166	780185	38.93	ng/ul	0.00
49) Acenaphthylene-d8	13.91	160	1043496	42.23	ng/ul	0.00
54) 4-Nitrophenol-d4	14.44	143	121193	45.72	ng/ul	0.00
60) Fluorene-d10	15.22	176	662545	38.22	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.35	200	133820	37.90	ng/ul	0.00
73) Anthracene-d10	17.06	188	1012368	41.35	ng/ul	0.00
81) Pyrene-d10	19.36	212	1120108	42.02	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.18	264	1299825	40.82	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.11	88	50571	22.671	ng/uL	97
5) Pyridine	3.51	79	288007	58.959	ng/ul	89
6) Benzaldehyde	6.72	77	222190	55.529	ng/ul	97
8) Phenol	6.78	94	373154	53.962	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.01	93	298004	56.311	ng/ul	99
12) 2-Chlorophenol	7.14	128	317628	50.586	ng/ul	99
13) 2-Methylphenol	8.02	108	282837	50.956	ng/ul	96
14) 2,2'-oxybis(1-Chloropropan	8.10	45	459936	88.537	ng/ul	100
16) Acetophenone	8.39	105	447771	48.612	ng/ul	96
17) N-Nitroso-di-n-propylamine	8.38	70	248651	56.013	ng/ul	99
18) 4-Methylphenol	8.35	108	301832	49.909	ng/ul	96
19) Hexachloroethane	8.63	117	133926	47.172	ng/ul	98
22) Nitrobenzene	8.77	77	347258	50.969	ng/ul	100
23) Isophorone	9.29	82	636177	48.404	ng/ul	98
25) 2-Nitrophenol	9.47	139	166955	41.203	ng/ul	100
26) 2,4-Dimethylphenol	9.54	107	336996	45.684	ng/ul	97
27) Bis(2-Chloroethoxy)methane	9.77	93	385348	50.367	ng/ul	100
29) 2,4-Dichlorophenol	10.00	162	275407	36.144	ng/ul	97
30) Naphthalene	10.40	128	972556	43.201	ng/ul	99
32) 4-Chloroaniline	10.52	127	387431	41.836	ng/ul	100
33) Hexachlorobutadiene	10.68	225	177912	27.014	ng/ul	98
34) Caprolactam	11.30	113	83231m	39.560	ng/ul	

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35) 4-Chloro-3-methylphenol	11.65	107	286740	44.182	ng/ul	98	
36) 2-Methylnaphthalene	12.02	142	676959	38.936	ng/ul	100	5/5/2021 11:25:56 AM
37) 1-Methylnaphthalene	12.24	142	660015	39.000	ng/ul	98	
39) 1,2,4,5-Tetrachlorobenzene	12.39	216	338039	34.288	ng/ul	97	
40) Hexachlorocyclopentadiene	12.37	237	161900	33.454	ng/ul	96	
41) 2,4,6-Trichlorophenol	12.65	196	206609	36.311	ng/ul	98	
42) 2,4,5-Trichlorophenol	12.72	196	216776	36.332	ng/ul	98	
43) 1,1'-Biphenyl	13.05	154	837731	44.285	ng/ul	98	
44) 2-Chloronaphthalene	13.09	162	643567	42.231	ng/ul	98	
45) 2-Nitroaniline	13.30	65	185881	63.167	ng/ul	98	
47) Dimethylphthalate	13.69	163	776684	39.962	ng/ul	100	
48) 2,6-Dinitrotoluene	13.80	165	161524	41.232	ng/ul	97	
50) Acenaphthylene	13.94	152	1009556	43.892	ng/ul	100	
51) 3-Nitroaniline	14.14	138	162726	46.662	ng/ul	96	
52) Acenaphthene	14.28	153	699240	43.590	ng/ul	99	
53) 2,4-Dinitrophenol	14.35	184	81612	34.944	ng/ul	90	
55) 4-Nitrophenol	14.46	109	87858	46.865	ng/ul	93	
56) Dibenzofuran	14.62	168	935240	39.235	ng/ul	100	
57) 2,4-Dinitrotoluene	14.60	165	229476	41.779	ng/ul#	98	
58) 2,3,4,6-Tetrachlorophenol	14.85	232	194627	34.543	ng/ul	97	
59) Diethylphthalate	15.06	149	794654	43.072	ng/ul	99	
61) Fluorene	15.27	166	792542	39.858	ng/ul	98	
62) 4-Chlorophenyl-phenylether	15.27	204	381911	34.386	ng/ul	99	
63) 4-Nitroaniline	15.30	138	171238m	46.159	ng/ul		
66) 4,6-Dinitro-2-methylphenol	15.36	198	131049	38.523	ng/ul	99	
67) N-Nitrosodiphenylamine	15.49	169	677508	45.177	ng/ul	98	
68) 4-Bromophenyl-phenylether	16.16	248	226033	37.942	ng/ul	99	
69) Hexachlorobenzene	16.27	284	266655	38.758	ng/ul	98	
70) Atrazine	16.44	200	231595	37.480	ng/ul	98	
71) Pentachlorophenol	16.62	266	142473	39.354	ng/ul	93	
72) Phenanthrene	17.00	178	1194299	42.878	ng/ul	99	
74) Anthracene	17.10	178	1222945	42.726	ng/ul	100	
75) 1,2,3,4-Tetrachlorobenzene	13.01	216	350834	38.845	ng/uL	99	
76) Pentachlorobenzene	14.54	250	316008	37.361	ng/uL	98	
77) Carbazole	17.37	167	1100081	44.039	ng/ul	99	
78) Di-n-butylphthalate	17.94	149	1340265	50.515	ng/ul	100	
80) Fluoranthene	19.03	202	1372305	43.768	ng/ul	100	
82) Pyrene	19.39	202	1441110	43.195	ng/ul	99	
83) Butylbenzylphthalate	20.30	149	606086	52.354	ng/ul	99	
84) 3,3'-Dichlorobenzidine	21.07	252	530026	39.559	ng/ul	99	
85) Benzo(a)anthracene	21.13	228	1400533	41.001	ng/ul	99	
86) Bis(2-ethylhexyl)phthalate	21.08	149	939445	52.882	ng/ul#	99	
87) Chrysene	21.19	228	1398231	40.962	ng/ul	99	
89) Di-n-octyl phthalate	21.93	149	1628860	51.134	ng/ul	100	
90) Benzo(b)fluoranthene	22.67	252	1532284	42.359	ng/ul	100	
91) Benzo(k)fluoranthene	22.71	252	1481820	41.586	ng/ul	98	
93) Benzo(a)pyrene	23.22	252	1359050	41.525	ng/ul	99	
94) Indeno(1,2,3-cd)pyrene	25.48	276	1804300	42.097	ng/ul	98	
95) Dibenzo(a,h)anthracene	25.49	278	1508728	42.176	ng/ul	99	
96) Benzo(g,h,i)perylene	26.14	276	1488294	42.280	ng/ul	100	

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

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