Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031921\
Data File : BM029165.D
Acq On : 19 Mar 2021 11:22
Operator : CG/JU
Sample : SSTD08011
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD080011

Manual Integrations APPROVED
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3/22/2021 2:48:41 PM

Quant Time: Mar 19 12:31:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM031921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 19 10:50:26 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	93328	20.00	ng/ul	0.00
20) Naphthalene-d8	10.56	136	348412	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.40	164	213114	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.13	188	453288	20.00	ng/ul	0.00
79) Chrysene-d12	21.30	240	526099	20.00	ng/ul	0.00
88) Perylene-d12	23.54	264	534363	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	77157	33.53	ng/uL	0.00
4) Pyridine-d5	3.69	84	526207	80.25	ng/ul	0.00
7) Phenol-d5	6.94	99	612772	77.59	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.12	67	354213	72.64	ng/ul	0.00
11) 2-Chlorophenol-d4	7.31	132	507804	76.71	ng/ul	0.00
15) 4-Methylphenol-d8	8.47	113	482458	75.69	ng/ul	0.00
21) Nitrobenzene-d5	8.93	128	221090	78.34	ng/ul	0.00
24) 2-Nitrophenol-d4	9.65	143	230824	77.17	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.17	165	513389	91.21	ng/ul	0.00
31) 4-Chloroaniline-d4	10.69	131	667000	86.70	ng/ul	0.00
46) Dimethylphthalate-d6	13.82	166	1410500	87.62	ng/ul	0.00
49) Acenaphthylene-d8	14.09	160	1698933	83.02	ng/ul	0.00
54) 4-Nitrophenol-d4	14.59	143	250334	80.70	ng/ul	0.01
60) Fluorene-d10	15.39	176	1195724	83.88	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.51	200	205381	69.97	ng/ul	0.01
73) Anthracene-d10	17.23	188	1882077	83.98	ng/ul	0.00
81) Pyrene-d10	19.52	212	2153519	71.27	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.40	264	2539416	88.52	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	79810	33.710	ng/uL	97
5) Pyridine	3.71	79	535620	81.176	ng/ul	96
6) Benzaldehyde	6.92	77	267921m	87.541	ng/ul	
8) Phenol	6.97	94	643562	80.421	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.20	93	473573	72.576	ng/ul	99
12) 2-Chlorophenol	7.35	128	534168	78.286	ng/ul	98
13) 2-Methylphenol	8.21	108	473089	78.002	ng/ul	96
14) 2,2'-oxybis(1-Chloropropan	8.30	45	612549	56.822	ng/ul	100
16) Acetophenone	8.60	105	776201	79.815	ng/ul	100
17) N-Nitroso-di-n-propylamine	8.59	70	403094	84.073	ng/ul	98
18) 4-Methylphenol	8.55	108	504284	77.358	ng/ul	98
19) Hexachloroethane	8.85	117	229450	78.791	ng/ul	97
22) Nitrobenzene	8.97	77	604442	87.697	ng/ul	96
23) Isophorone	9.50	82	1060056	91.022	ng/ul	98
25) 2-Nitrophenol	9.67	139	261401	79.118	ng/ul	98
26) 2,4-Dimethylphenol	9.74	107	578577	89.579	ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.98	93	607564	78.848	ng/ul	99
29) 2,4-Dichlorophenol	10.20	162	504179	91.525	ng/ul	99
30) Naphthalene	10.61	128	1609049	81.652	ng/ul	100
32) 4-Chloroaniline	10.72	127	675056	89.884	ng/ul	98
33) Hexachlorobutadiene	10.90	225	347406	96.184	ng/ul	97
34) Caprolactam	11.50	113	125213m	75.631	ng/ul	

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35) 4-Chloro-3-methylphenol	11.84	107	499461	87.692	ng/ul	99
36) 2-Methylnaphthalene	12.22	142	1165196	88.449	ng/ul	98
37) 1-Methylnaphthalene	12.44	142	1153799	90.947	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	635938	88.643	ng/ul	99
40) Hexachlorocyclopentadiene	12.57	237	421932	101.167	ng/ul	96
41) 2,4,6-Trichlorophenol	12.83	196	375228	84.131	ng/ul	95
42) 2,4,5-Trichlorophenol	12.90	196	398816	82.523	ng/ul	97
43) 1,1'-Biphenyl	13.23	154	1485430	81.637	ng/ul	99
44) 2-Chloronaphthalene	13.27	162	1176186	81.580	ng/ul	99
45) 2-Nitroaniline	13.47	65	323529	81.331	ng/ul	95
47) Dimethylphthalate	13.86	163	1420297	85.000	ng/ul	98
48) 2,6-Dinitrotoluene	13.97	165	281146	84.772	ng/ul	99
50) Acenaphthylene	14.12	152	1727300	82.102	ng/ul	99
51) 3-Nitroaniline	14.30	138	257751	81.590	ng/ul#	97
52) Acenaphthene	14.46	153	1255413	83.111	ng/ul	95
53) 2,4-Dinitrophenol	14.50	184	131734	66.239	ng/ul	95
55) 4-Nitrophenol	14.61	109	227882	94.693	ng/ul	95
56) Dibenzofuran	14.80	168	1734920	85.240	ng/ul	99
57) 2,4-Dinitrotoluene	14.76	165	407168	87.456	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.02	232	342733	87.802	ng/ul#	99
59) Diethylphthalate	15.23	149	1438937	86.859	ng/ul	98
61) Fluorene	15.44	166	1520321	89.705	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.44	204	754293	91.830	ng/ul	95
63) 4-Nitroaniline	15.46	138	260593	94.458	ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.52	198	219494	69.287	ng/ul	97
67) N-Nitrosodiphenylamine	15.66	169	1257401	84.077	ng/ul	100
68) 4-Bromophenyl-phenylether	16.33	248	419333	79.661	ng/ul	97
69) Hexachlorobenzene	16.44	284	466204	77.076	ng/ul	99
70) Atrazine	16.61	200	477677	92.065	ng/ul	99
71) Pentachlorophenol	16.79	266	281771	80.545	ng/ul	97
72) Phenanthrene	17.18	178	2278810	82.524	ng/ul	99
74) Anthracene	17.27	178	2405650	85.697	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.20	216	626280	82.434	ng/uL	98
76) Pentachlorobenzene	14.72	250	611407	82.835	ng/uL	99
77) Carbazole	17.53	167	2118317	87.825	ng/ul	99
78) Di-n-butylphthalate	18.11	149	2474943	88.475	ng/ul	99
80) Fluoranthene	19.19	202	2750319	69.312	ng/ul	99
82) Pyrene	19.55	202	2880840	70.182	ng/ul	98
83) Butylbenzylphthalate	20.46	149	1169867	76.946	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.22	252	896442	81.231	ng/ul	99
85) Benzo(a)anthracene	21.29	228	2908253	82.600	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.23	149	1833344	87.842	ng/ul	99
87) Chrysene	21.34	228	2824150	81.026	ng/ul	99
89) Di-n-octyl phthalate	22.12	149	3147008	82.159	ng/ul	100
90) Benzo(b)fluoranthene	22.87	252	3022449	84.166	ng/ul	99
91) Benzo(k)fluoranthene	22.92	252	3090259	87.083	ng/ul	99
93) Benzo(a)pyrene	23.45	252	2787745	85.675	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.83	276	3693649	96.830	ng/ul	99
95) Dibenzo(a,h)anthracene	25.84	278	3108659	96.088	ng/ul	99
96) Benzo(g,h,i)perylene	26.53	276	2972107	91.731	ng/ul	99

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

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