Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM041221\
Data File : BM029452.D
Acq On : 12 Apr 2021 15:07
Operator : CG/JU
Sample : SSTD16013
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD160013

Quant Time: Apr 12 15:38:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM041221.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 12 15:01:13 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	105117	20.00	ng/ul	0.00
20) Naphthalene-d8	10.47	136	416443	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.32	164	216453	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.07	188	379948	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	357623	20.00	ng/ul	0.00
87) Perylene-d12	23.46	264	338424	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	187537	70.12	ng/uL	0.00
4) Pyridine-d5	3.59	84	1413656	202.24	ng/ul	-0.01
7) Phenol-d5	6.87	99	1606749	193.55	ng/ul	0.02
9) Bis-(2-Chloroethyl)ether-d	7.03	67	1024757	213.58	ng/ul	0.00
11) 2-Chlorophenol-d4	7.23	132	1263966	195.62	ng/ul	0.01
15) 4-Methylphenol-d8	8.40	113	1208734	187.59	ng/ul	0.02
21) Nitrobenzene-d5	8.85	128	577790	218.13	ng/ul	0.01
24) 2-Nitrophenol-d4	9.56	143	653758	258.90	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.10	165	1169759	176.79	ng/ul	0.01
31) 4-Chloroaniline-d4	10.61	131	1506517	160.93	ng/ul	0.01
46) Dimethylphthalate-d6	13.74	166	2800554	171.55	ng/ul	0.01
49) Acenaphthylene-d8	14.02	160	3566216	184.79	ng/ul	0.01
54) 4-Nitrophenol-d4	14.55	143	520461	195.77	ng/ul	0.03
60) Fluorene-d10	15.32	176	2364248	168.30	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.46	200	454780	253.90	ng/ul	0.02
73) Anthracene-d10	17.17	188	3279797	180.76	ng/ul	0.00
80) Pyrene-d10	19.46	212	3281924	196.64	ng/ul	0.01
91) Benzo(a)pyrene-d12	23.33	264	3296003	182.96	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	198802	74.051	ng/uL	95
5) Pyridine	3.61	79	1432719	199.513	ng/ul	97
6) Benzaldehyde	6.83	77	458847	102.998	ng/ul	98
8) Phenol	6.90	94	1696579	194.455	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.12	93	1280112	198.562	ng/ul	100
12) 2-Chlorophenol	7.26	128	1343391	194.882	ng/ul	98
13) 2-Methylphenol	8.13	108	1227376	190.713	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.22	45	1927183	228.069	ng/ul	99
16) Acetophenone	8.52	105	2013856	191.235	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.53	70	1149530	229.489	ng/ul	99
18) 4-Methylphenol	8.48	108	1303209	190.708	ng/ul	95
19) Hexachloroethane	8.76	117	617699	209.214	ng/ul	90
22) Nitrobenzene	8.89	77	1666927	215.849	ng/ul	97
23) Isophorone	9.43	82	2816063	204.099	ng/ul	99
25) 2-Nitrophenol	9.59	139	708395	243.498	ng/ul	98
26) 2,4-Dimethylphenol	9.66	107	1475355	186.607	ng/ul	100
27) Bis(2-Chloroethoxy)methane	9.90	93	1637044	198.612	ng/ul	99
29) 2,4-Dichlorophenol	10.13	162	1158536	172.992	ng/ul	97
30) Naphthalene	10.52	128	3886416	172.265	ng/ul	99
32) 4-Chloroaniline	10.63	127	1566030	164.488	ng/ul	99
33) Hexachlorobutadiene	10.80	225	717721	149.244	ng/ul	97
34) Caprolactam	11.46	113	183375	107.731	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.77	107	1224207	188.174 ng/ul	100
36) 2-Methylnaphthalene	12.13	142	2700401	169.433 ng/ul	96
37) 1-Methylnaphthalene	12.36	142	2668752	169.597 ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.51	216	1244913	166.455 ng/ul	99
40) Hexachlorocyclopentadiene	12.49	237	883658	179.868 ng/ul	99
41) 2,4,6-Trichlorophenol	12.75	196	809444	196.827 ng/ul	98
42) 2,4,5-Trichlorophenol	12.83	196	861938	196.822 ng/ul	99
43) 1,1'-Biphenyl	13.16	154	3304351	187.519 ng/ul	99
44) 2-Chloronaphthalene	13.20	162	2518223	181.022 ng/ul	99
45) 2-Nitroaniline	13.41	65	895874	300.182 ng/ul	98
47) Dimethylphthalate	13.80	163	2859491	171.136 ng/ul	100
48) 2,6-Dinitrotoluene	13.92	165	609513	234.393 ng/ul	95
50) Acenaphthylene	14.05	152	3714620	186.113 ng/ul	99
51) 3-Nitroaniline	14.24	138	546853	190.163 ng/ul	91
52) Acenaphthene	14.39	153	2700282	182.192 ng/ul	100
53) 2,4-Dinitrophenol	14.45	184	378684	271.381 ng/ul	94
55) 4-Nitrophenol	14.57	109	521134	206.023 ng/ul	97
56) Dibenzofuran	14.73	168	3495506	169.712 ng/ul	100
57) 2,4-Dinitrotoluene	14.70	165	821376	221.356 ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.96	232	651079	185.530 ng/ul	96
59) Diethylphthalate	15.17	149	2934733	178.394 ng/ul	99
61) Fluorene	15.38	166	3226938	187.253 ng/ul	98
62) 4-Chlorophenyl-phenylether	15.37	204	1544593	178.567 ng/ul	94
63) 4-Nitroaniline	15.42	138	467882	155.903 ng/ul	97
66) 4,6-Dinitro-2-methylphenol	15.47	198	466184	247.432 ng/ul	98
67) N-Nitrosodiphenylamine	15.59	169	2441686	201.174 ng/ul	98
68) 4-Bromophenyl-phenylether	16.27	248	739564	182.919 ng/ul	93
69) Hexachlorobenzene	16.38	284	796909	176.935 ng/ul	94
70) Atrazine	16.55	200	799822	172.018 ng/ul	99
71) Pentachlorophenol	16.72	266	504521	197.263 ng/ul	96
72) Phenanthrene	17.12	178	4102825	182.907 ng/ul	99
74) Anthracene	17.21	178	4304229	186.739 ng/ul	99
75) Pentachlorobenzene	14.65	250	1103275	184.171 ng/uL	99
76) Carbazole	17.47	167	3646596	171.885 ng/ul	100
77) Di-n-butylphthalate	18.04	149	4751136	216.813 ng/ul	99
79) Fluoranthene	19.13	202	4293100	200.207 ng/ul	97
81) Pyrene	19.49	202	4499539	200.184 ng/ul	99
82) Butylbenzylphthalate	20.39	149	2095653	265.324 ng/ul	97
83) 3,3'-Dichlorobenzidine	21.17	252	1216093	164.204 ng/ul	98
84) Benzo(a)anthracene	21.23	228	4099115	177.673 ng/ul	98
85) Bis(2-ethylhexyl)phthalate	21.17	149	3432794	264.496 ng/ul	97
86) Chrysene	21.29	228	4080311	180.892 ng/ul	98
88) Di-n-octyl phthalate	22.04	149	5331713	246.974 ng/ul	100
89) Benzo(b)fluoranthene	22.80	252	4027385	184.138 ng/ul	100
90) Benzo(k)fluoranthene	22.85	252	4139821	189.434 ng/ul	98
92) Benzo(a)pyrene	23.38	252	3670060	185.178 ng/ul	99
93) Indeno(1,2,3-cd)pyrene	25.71	276	5004072	187.766 ng/ul	97
94) Dibenzo(a,h)anthracene	25.72	278	4331787	192.643 ng/ul	99
95) Benzo(g,h,i)perylene	26.40	276	3866905	176.907 ng/ul	99

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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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