Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031921\
Data File : BM029162.D
Acq On : 19 Mar 2021 09:33
Operator : CG/JU
Sample : SSTD01014
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD010014

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Quant Time: Mar 19 10:53:49 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	83623	20.00	ng/ul	0.00
20) Naphthalene-d8	10.56	136	310832	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.40	164	187641	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.13	188	398395	20.00	ng/ul	0.00
79) Chrysene-d12	21.30	240	451457	20.00	ng/ul	0.00
88) Perylene-d12	23.54	264	492397	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	9307	4.51	ng/uL	0.00
4) Pyridine-d5	3.70	84	51355	8.74	ng/ul	0.00
7) Phenol-d5	6.93	99	63204	8.93	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.11	67	37561	8.60	ng/ul	0.00
11) 2-Chlorophenol-d4	7.31	132	52491	8.85	ng/ul	0.00
15) 4-Methylphenol-d8	8.47	113	49133	8.60	ng/ul	0.00
21) Nitrobenzene-d5	8.92	128	18922	7.52	ng/ul	0.00
24) 2-Nitrophenol-d4	9.64	143	16317	6.11	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.17	165	49692	9.90	ng/ul	0.00
31) 4-Chloroaniline-d4	10.69	131	67738	9.87	ng/ul	0.00
46) Dimethylphthalate-d6	13.81	166	149112	10.52	ng/ul	0.00
49) Acenaphthylene-d8	14.09	160	171137	9.50	ng/ul	0.00
54) 4-Nitrophenol-d4	14.57	143	16878	6.18	ng/ul	0.00
60) Fluorene-d10	15.39	176	127743	10.18	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.50	200	12969	5.03	ng/ul	0.00
73) Anthracene-d10	17.23	188	196397	9.97	ng/ul	0.00
81) Pyrene-d10	19.52	212	219507	8.47	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.40	264	267027	10.10	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	8828	4.161	ng/uL	95
5) Pyridine	3.72	79	53868	9.111	ng/ul	98
6) Benzaldehyde	6.92	77	44886	16.368	ng/ul	95
8) Phenol	6.96	94	67918	9.472	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.20	93	51077	8.736	ng/ul	97
12) 2-Chlorophenol	7.34	128	56119	9.179	ng/ul	98
13) 2-Methylphenol	8.21	108	49463	9.102	ng/ul	96
14) 2,2'-oxybis(1-Chloropropan	8.30	45	70709	7.320	ng/ul	97
16) Acetophenone	8.59	105	81633	9.368	ng/ul	95
17) N-Nitroso-di-n-propylamine	8.57	70	40935	9.529	ng/ul	96
18) 4-Methylphenol	8.53	108	51656	8.844	ng/ul	96
19) Hexachloroethane	8.85	117	24599	9.427	ng/ul	97
22) Nitrobenzene	8.96	77	55699	9.058	ng/ul	99
23) Isophorone	9.49	82	103036	9.917	ng/ul	98
25) 2-Nitrophenol	9.67	139	18958	6.432	ng/ul	99
26) 2,4-Dimethylphenol	9.73	107	59960	10.406	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.97	93	63466	9.232	ng/ul	98
29) 2,4-Dichlorophenol	10.20	162	50219	10.219	ng/ul	99
30) Naphthalene	10.60	128	174985	9.953	ng/ul	99
32) 4-Chloroaniline	10.71	127	69341	10.349	ng/ul	98
33) Hexachlorobutadiene	10.90	225	37990	11.790	ng/ul	95
34) Caprolactam	11.48	113	10879m	7.366	ng/ul	

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35) 4-Chloro-3-methylphenol	11.83	107	49993	9.839	ng/ul	98
36) 2-Methylnaphthalene	12.22	142	123223	10.485	ng/ul	99
37) 1-Methylnaphthalene	12.44	142	121816	10.763	ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	66576	10.540	ng/ul	98
40) Hexachlorocyclopentadiene	12.57	237	39686	10.807	ng/ul	97
41) 2,4,6-Trichlorophenol	12.82	196	35902	9.143	ng/ul	95
42) 2,4,5-Trichlorophenol	12.89	196	38078	8.949	ng/ul	100
43) 1,1'-Biphenyl	13.23	154	159263	9.941	ng/ul	99
44) 2-Chloronaphthalene	13.27	162	124483	9.806	ng/ul	98
45) 2-Nitroaniline	13.47	65	22560	6.441	ng/ul	98
47) Dimethylphthalate	13.86	163	153466	10.431	ng/ul	99
48) 2,6-Dinitrotoluene	13.97	165	20042	6.864	ng/ul	96
50) Acenaphthylene	14.12	152	177252	9.569	ng/ul	100
51) 3-Nitroaniline	14.29	138	19678	7.075	ng/ul#	90
52) Acenaphthene	14.46	153	135834	10.213	ng/ul	98
53) 2,4-Dinitrophenol	14.50	184	8220	4.694	ng/ul	95
55) 4-Nitrophenol	14.59	109	17847	8.423	ng/ul	89
56) Dibenzofuran	14.79	168	186788	10.423	ng/ul	98
57) 2,4-Dinitrotoluene	14.75	165	27831	6.789	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.02	232	29342	8.537	ng/ul	96
59) Diethylphthalate	15.22	149	150231	10.300	ng/ul	99
61) Fluorene	15.44	166	153938	10.316	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.44	204	77949	10.778	ng/ul	99
63) 4-Nitroaniline	15.44	138	22520	9.271	ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.51	198	13131	4.716	ng/ul#	99
67) N-Nitrosodiphenylamine	15.65	169	132005	10.043	ng/ul	99
68) 4-Bromophenyl-phenylether	16.33	248	44507	9.620	ng/ul	96
69) Hexachlorobenzene	16.44	284	49516	9.314	ng/ul	96
70) Atrazine	16.60	200	46264	10.145	ng/ul	96
71) Pentachlorophenol	16.78	266	21155	6.880	ng/ul	93
72) Phenanthrene	17.17	178	245743	10.125	ng/ul	100
74) Anthracene	17.26	178	249180	10.100	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.19	216	65274	9.776	ng/uL	98
76) Pentachlorobenzene	14.72	250	65364	10.076	ng/uL	98
77) Carbazole	17.53	167	219199	10.340	ng/ul	100
78) Di-n-butylphthalate	18.11	149	233026	9.478	ng/ul	98
80) Fluoranthene	19.19	202	283300	8.320	ng/ul	98
82) Pyrene	19.54	202	295585	8.392	ng/ul	98
83) Butylbenzylphthalate	20.46	149	97860	7.501	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.22	252	94828	10.014	ng/ul	100
85) Benzo(a)anthracene	21.29	228	303839	10.056	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.23	149	168676	9.418	ng/ul	99
87) Chrysene	21.33	228	295308	9.873	ng/ul	99
89) Di-n-octyl phthalate	22.12	149	297197	8.420	ng/ul	100
90) Benzo(b)fluoranthene	22.86	252	323920	9.789	ng/ul	97
91) Benzo(k)fluoranthene	22.91	252	326287	9.978	ng/ul	99
93) Benzo(a)pyrene	23.44	252	294099	9.809	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.80	276	396563	11.282	ng/ul	99
95) Dibenzo(a,h)anthracene	25.82	278	333579	11.190	ng/ul	100
96) Benzo(g,h,i)perylene	26.50	276	322875	10.815	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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