Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
Data File : BM029941.D
Acq On : 11 May 2021 13:38
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020032

Manual Integrations APPROVED
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5/12/2021 2:06:29 PM

Quant Time: May 11 15:20:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 11 06:44:51 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	184908	20.00	ng/ul	0.00
20) Naphthalene-d8	10.32	136	845867	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.20	164	530249	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.94	188	1002275	20.00	ng/ul	0.00
79) Chrysene-d12	21.13	240	717877	20.00	ng/ul	0.00
88) Perylene-d12	23.29	264	636273	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	34686	7.49	ng/uL	0.00
4) Pyridine-d5	3.48	84	205511	17.73	ng/ul	0.00
7) Phenol-d5	6.73	99	320086	18.61	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.90	67	216305	20.29	ng/ul	0.00
11) 2-Chlorophenol-d4	7.09	132	256055	19.29	ng/ul	0.00
15) 4-Methylphenol-d8	8.27	113	260311	18.30	ng/ul	0.00
21) Nitrobenzene-d5	8.71	128	94612	16.23	ng/ul	0.00
24) 2-Nitrophenol-d4	9.42	143	104704	15.91	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.96	165	252188	19.12	ng/ul	0.00
31) 4-Chloroaniline-d4	10.47	131	351853	17.53	ng/ul	0.00
46) Dimethylphthalate-d6	13.62	166	754283	18.35	ng/ul	0.00
49) Acenaphthylene-d8	13.89	160	1013121	19.45	ng/ul	0.00
54) 4-Nitrophenol-d4	14.43	143	97721	14.60	ng/ul	0.00
60) Fluorene-d10	15.20	176	639179	18.32	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.33	200	88811	13.64	ng/ul	0.00
73) Anthracene-d10	17.04	188	948273	18.79	ng/ul	0.00
81) Pyrene-d10	19.34	212	913291	24.80	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.15	264	689873	19.13	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	38097	7.603	ng/uL	96
5) Pyridine	3.49	79	225716	18.983	ng/ul	99
6) Benzaldehyde	6.70	77	204107m	22.994	ng/ul	
8) Phenol	6.76	94	331782	18.898	ng/ul	98
10) Bis(2-Chloroethyl)ether	6.99	93	268106	19.314	ng/ul	96
12) 2-Chlorophenol	7.12	128	262852	19.420	ng/ul	95
13) 2-Methylphenol	8.00	108	246295	18.516	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.08	45	479857	22.949	ng/ul	94
16) Acetophenone	8.37	105	430078	18.845	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.36	70	205658	17.613	ng/ul	96
18) 4-Methylphenol	8.33	108	274637	18.625	ng/ul	97
19) Hexachloroethane	8.61	117	112442	19.663	ng/ul	93
22) Nitrobenzene	8.75	77	302585	19.921	ng/ul	94
23) Isophorone	9.27	82	635173	19.771	ng/ul	99
25) 2-Nitrophenol	9.45	139	134266	18.797	ng/ul	96
26) 2,4-Dimethylphenol	9.52	107	311311	19.315	ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.76	93	372834	19.813	ng/ul	99
29) 2,4-Dichlorophenol	9.98	162	248107	19.150	ng/ul	96
30) Naphthalene	10.37	128	893322	19.027	ng/ul	99
32) 4-Chloroaniline	10.50	127	360899	17.449	ng/ul	98
33) Hexachlorobutadiene	10.66	225	155754	17.930	ng/ul	97
34) Caprolactam	11.28	113	70046m	15.234	ng/ul	

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35) 4-Chloro-3-methylphenol	11.63	107	275630	19.224	ng/ul	100
36) 2-Methylnaphthalene	12.00	142	638796	18.756	ng/ul	98
37) 1-Methylnaphthalene	12.22	142	630222	18.672	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.37	216	310829	18.970	ng/ul	100
40) Hexachlorocyclopentadiene	12.35	237	116518	13.690	ng/ul	99
41) 2,4,6-Trichlorophenol	12.62	196	191178	19.133	ng/ul	99
42) 2,4,5-Trichlorophenol	12.70	196	197319	18.659	ng/ul	97
43) 1,1'-Biphenyl	13.03	154	799994	19.408	ng/ul	97
44) 2-Chloronaphthalene	13.06	162	618882	19.564	ng/ul	100
45) 2-Nitroaniline	13.29	65	119104	14.897	ng/ul	93
47) Dimethylphthalate	13.67	163	763485	18.552	ng/ul	99
48) 2,6-Dinitrotoluene	13.79	165	115582	15.645	ng/ul	99
50) Acenaphthylene	13.92	152	964909	19.155	ng/ul	99
51) 3-Nitroaniline	14.12	138	124965	15.057	ng/ul	96
52) Acenaphthene	14.26	153	670475	18.833	ng/ul	100
53) 2,4-Dinitrophenol	14.34	184	65536	13.038	ng/ul	90
55) 4-Nitrophenol	14.44	109	93913	18.246	ng/ul	90
56) Dibenzofuran	14.60	168	909812	18.659	ng/ul	99
57) 2,4-Dinitrotoluene	14.59	165	196022	17.931	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	14.83	232	175577	17.436	ng/ul	96
59) Diethylphthalate	15.04	149	780615	18.186	ng/ul	99
61) Fluorene	15.25	166	765391	18.361	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.25	204	368955	18.013	ng/ul	99
63) 4-Nitroaniline	15.29	138	126025m	15.319	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.34	198	91464	14.275	ng/ul#	94
67) N-Nitrosodiphenylamine	15.47	169	642098	19.721	ng/ul	99
68) 4-Bromophenyl-phenylether	16.14	248	215069	19.278	ng/ul	99
69) Hexachlorobenzene	16.26	284	248187	18.734	ng/ul	97
70) Atrazine	16.43	200	194944	16.228	ng/ul	98
71) Pentachlorophenol	16.60	266	139901	18.429	ng/ul	99
72) Phenanthrene	16.99	178	1121255	18.973	ng/ul	100
74) Anthracene	17.07	178	1159802	19.196	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	12.99	216	325923	20.558	ng/uL	99
76) Pentachlorobenzene	14.52	250	295233	19.527	ng/uL	98
77) Carbazole	17.36	167	981662	17.733	ng/ul	99
78) Di-n-butylphthalate	17.92	149	1259526	19.169	ng/ul	99
80) Fluoranthene	19.00	202	1149978	25.658	ng/ul	95
82) Pyrene	19.37	202	1178129	24.978	ng/ul	97
83) Butylbenzylphthalate	20.28	149	402063	23.986	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.06	252	226403	13.863	ng/ul#	97
85) Benzo(a)anthracene	21.12	228	930412	19.865	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.06	149	686261	23.745	ng/ul	98
87) Chrysene	21.17	228	899821	19.289	ng/ul	100
89) Di-n-octyl phthalate	21.92	149	1043548	21.433	ng/ul	100
90) Benzo(b)fluoranthene	22.64	252	835539	20.245	ng/ul	99
91) Benzo(k)fluoranthene	22.69	252	810606	18.682	ng/ul	98
93) Benzo(a)pyrene	23.19	252	724875	19.338	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.44	276	946981	20.873	ng/ul	97
95) Dibenzo(a,h)anthracene	25.44	278	793103	20.623	ng/ul	98
96) Benzo(g,h,i)perylene	26.10	276	798440	21.721	ng/ul	98

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

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