Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
Data File : BM029958.D
Acq On : 12 May 2021 01:02
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD020033

Manual Integrations APPROVED
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5/12/2021 2:07:48 PM

Quant Time: May 12 03:16:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 12 02:41:38 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	161701	20.00	ng/ul	0.00
20) Naphthalene-d8	10.32	136	708603	20.00	ng/ul	-0.01
38) Acenaphthene-d10	14.19	164	442468	20.00	ng/ul	-0.01
64) Phenanthrene-d10	16.94	188	838552	20.00	ng/ul	0.00
79) Chrysene-d12	21.13	240	763111	20.00	ng/ul	0.00
88) Perylene-d12	23.28	264	750664	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	30115	7.44	ng/uL	0.00
4) Pyridine-d5	3.48	84	171237	16.89	ng/ul	0.00
7) Phenol-d5	6.73	99	264772	17.61	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.89	67	172465	18.50	ng/ul	0.00
11) 2-Chlorophenol-d4	7.08	132	220074	18.96	ng/ul	0.00
15) 4-Methylphenol-d8	8.26	113	216113	17.38	ng/ul	0.00
21) Nitrobenzene-d5	8.70	128	99789	20.44	ng/ul	0.00
24) 2-Nitrophenol-d4	9.42	143	113503	20.59	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.95	165	218297	19.75	ng/ul	0.00
31) 4-Chloroaniline-d4	10.47	131	291251	17.32	ng/ul	0.00
46) Dimethylphthalate-d6	13.62	166	624074	18.20	ng/ul	0.00
49) Acenaphthylene-d8	13.88	160	837726	19.27	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.43	143	83179	14.89	ng/ul	0.00
60) Fluorene-d10	15.19	176	534879	18.37	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.33	200	92626	17.01	ng/ul	0.00
73) Anthracene-d10	17.04	188	786488	18.63	ng/ul	0.00
81) Pyrene-d10	19.33	212	817292	20.88	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.14	264	809042	19.01	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	33765	7.706	ng/uL	99
5) Pyridine	3.49	79	181448	17.450	ng/ul	98
6) Benzaldehyde	6.70	77	160515	20.679	ng/ul	98
8) Phenol	6.76	94	271403	17.678	ng/ul	96
10) Bis(2-Chloroethyl)ether	6.98	93	217955	17.955	ng/ul	97
12) 2-Chlorophenol	7.11	128	224203	18.942	ng/ul	96
13) 2-Methylphenol	8.00	108	207120	17.806	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.08	45	374602	20.486	ng/ul	96
16) Acetophenone	8.37	105	350046	17.540	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.36	70	199577	19.545	ng/ul	98
18) 4-Methylphenol	8.32	108	225184	17.463	ng/ul	99
19) Hexachloroethane	8.60	117	98023	19.602	ng/ul	95
22) Nitrobenzene	8.74	77	263602	20.717	ng/ul	96
23) Isophorone	9.26	82	519768	19.312	ng/ul	99
25) 2-Nitrophenol	9.45	139	122709	20.507	ng/ul	97
26) 2,4-Dimethylphenol	9.52	107	259419	19.213	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.75	93	305790	19.398	ng/ul	99
29) 2,4-Dichlorophenol	9.98	162	208309	19.193	ng/ul	99
30) Naphthalene	10.37	128	742198	18.870	ng/ul	100
32) 4-Chloroaniline	10.49	127	298368	17.220	ng/ul	98
33) Hexachlorobutadiene	10.65	225	139940	19.230	ng/ul	98
34) Caprolactam	11.27	113	62285m	16.170	ng/ul	

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35) 4-Chloro-3-methylphenol	11.63	107	225312	18.759	ng/ul	98
36) 2-Methylnaphthalene	11.99	142	530032	18.577	ng/ul	99
37) 1-Methylnaphthalene	12.21	142	524648	18.555	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.37	216	271106	19.828	ng/ul	100
40) Hexachlorocyclopentadiene	12.34	237	138651	19.522	ng/ul	99
41) 2,4,6-Trichlorophenol	12.62	196	166543	19.975	ng/ul	97
42) 2,4,5-Trichlorophenol	12.69	196	172834	19.586	ng/ul	96
43) 1,1'-Biphenyl	13.02	154	662283	19.255	ng/ul	99
44) 2-Chloronaphthalene	13.06	162	512563	19.418	ng/ul	99
45) 2-Nitroaniline	13.28	65	147956	22.177	ng/ul	96
47) Dimethylphthalate	13.66	163	631013	18.375	ng/ul	100
48) 2,6-Dinitrotoluene	13.79	165	123292	19.999	ng/ul	93
50) Acenaphthylene	13.91	152	802879	19.100	ng/ul	98
51) 3-Nitroaniline	14.12	138	118890	17.167	ng/ul	97
52) Acenaphthene	14.26	153	558746	18.808	ng/ul	99
53) 2,4-Dinitrophenol	14.33	184	80692	19.238	ng/ul	92
55) 4-Nitrophenol	14.44	109	81896	19.068	ng/ul	98
56) Dibenzofuran	14.60	168	760727	18.696	ng/ul	99
57) 2,4-Dinitrotoluene	14.58	165	172951	18.959	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.83	232	153786	18.302	ng/ul	97
59) Diethylphthalate	15.03	149	653636	18.249	ng/ul	98
61) Fluorene	15.24	166	632875	18.194	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.24	204	309690	18.119	ng/ul	98
63) 4-Nitroaniline	15.29	138	122188m	17.799	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.34	198	92221	17.204	ng/ul	99
67) N-Nitrosodiphenylamine	15.46	169	538949	19.785	ng/ul	99
68) 4-Bromophenyl-phenylether	16.14	248	184765	19.795	ng/ul	98
69) Hexachlorobenzene	16.25	284	211777	19.106	ng/ul	99
70) Atrazine	16.42	200	180013	17.911	ng/ul	99
71) Pentachlorophenol	16.60	266	121538	19.136	ng/ul	99
72) Phenanthrene	16.98	178	930892	18.827	ng/ul	99
74) Anthracene	17.07	178	956007	18.912	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	12.98	216	283533	21.376	ng/uL	98
76) Pentachlorobenzene	14.52	250	256421	20.271	ng/uL	99
77) Carbazole	17.35	167	812409	17.541	ng/ul	99
78) Di-n-butylphthalate	17.92	149	1062637	19.330	ng/ul	100
80) Fluoranthene	19.00	202	1015854	21.322	ng/ul	99
82) Pyrene	19.36	202	1051134	20.964	ng/ul	100
83) Butylbenzylphthalate	20.27	149	431316	24.206	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.05	252	320161	18.441	ng/ul	98
85) Benzo(a)anthracene	21.11	228	955645	19.194	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.05	149	689875	22.455	ng/ul	99
87) Chrysene	21.16	228	950583	19.169	ng/ul	100
89) Di-n-octyl phthalate	21.91	149	1149186	20.006	ng/ul	100
90) Benzo(b)fluoranthene	22.64	252	932063	19.142	ng/ul	99
91) Benzo(k)fluoranthene	22.68	252	963816	18.828	ng/ul	99
93) Benzo(a)pyrene	23.19	252	842513	19.052	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.43	276	1077632	20.133	ng/ul	99
95) Dibenzo(a,h)anthracene	25.43	278	908133	20.016	ng/ul	99
96) Benzo(g,h,i)perylene	26.08	276	893794	20.610	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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