Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM032011.D
Acq On : 01 Sep 2021 07:57
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020061

Manual Integrations APPROVED
mohammad
9/1/2021 4:04:16 PM

Quant Time: Sep 01 11:24:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 09:21:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.499	152	91190	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.257	136	398000	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.139	164	306276	20.000	ng/ul	-0.01
64) Phenanthrene-d10	16.898	188	674844	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.109	240	752923	20.000	ng/ul	# 0.00
88) Perylene-d12	23.245	264	690671	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	15676	7.932	ng/uL	0.00
4) Pyridine-d5	3.522	84	116073	20.682	ng/ul	0.00
7) Phenol-d5	6.699	99	146973	19.436	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.857	67	84826	19.388	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.040	132	121699	20.914	ng/ul	-0.01
15) 4-Methylphenol-d8	8.216	113	126466	19.493	ng/ul	0.00
21) Nitrobenzene-d5	8.651	128	62570	21.645	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.363	143	73093	21.365	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.893	165	147274	21.456	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.410	131	193647	20.000	ng/ul	-0.01
46) Dimethylphthalate-d6	13.569	166	463306	19.991	ng/ul	0.00
49) Acenaphthylene-d8	13.828	160	574932	20.948	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.380	143	78396	18.689	ng/ul	0.00
60) Fluorene-d10	15.145	176	416547	20.447	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.292	200	81469	17.569	ng/ul	0.00
73) Anthracene-d10	16.998	188	672020	20.980	ng/ul	0.00
81) Pyrene-d10	19.304	212	760582	21.567	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.109	264	757415	20.866	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.158	88	16657	6.991	ng/uL#	79
5) Pyridine	3.534	79	115904	20.088	ng/ul	91
6) Benzaldehyde	6.669	77	60939m	17.801	ng/ul	
8) Phenol	6.722	94	147420	19.374	ng/ul	94
10) Bis(2-Chloroethyl)ether	6.952	93	114089	19.686	ng/ul	92
12) 2-Chlorophenol	7.069	128	121424	20.897	ng/ul	95
13) 2-Methylphenol	7.951	108	113476	19.342	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.034	45	147579	19.595	ng/ul#	92
16) Acetophenone	8.322	105	197803	19.467	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.310	70	101854	20.547	ng/ul	94
18) 4-Methylphenol	8.275	108	126948	19.485	ng/ul	92
19) Hexachloroethane	8.546	117	51912	20.855	ng/ul	88
22) Nitrobenzene	8.693	77	153113	20.980	ng/ul	98
23) Isophorone	9.216	82	277386	20.651	ng/ul#	95
25) 2-Nitrophenol	9.393	139	78029	21.895	ng/ul	95
26) 2,4-Dimethylphenol	9.463	107	153942	21.220	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.698	93	166042	20.854	ng/ul	96
29) 2,4-Dichlorophenol	9.916	162	140542	21.526	ng/ul	97
30) Naphthalene	10.304	128	409485	20.552	ng/ul	98
32) 4-Chloroaniline	10.440	127	195180	20.208	ng/ul	99
33) Hexachlorobutadiene	10.581	225	90836	20.972	ng/ul	97
34) Caprolactam	11.234	113	41605m	19.118	ng/ul	
35) 4-Chloro-3-methylphenol	11.569	107	145640	21.272	ng/ul	97
36) 2-Methylnaphthalene	11.928	142	324883	20.680	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.151	142	330389	20.648	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.304	216	186154	21.174	ng/ul	99
40) Hexachlorocyclopentadiene	12.269	237	92733	19.596	ng/ul	99
41) 2,4,6-Trichlorophenol	12.557	196	125600	21.325	ng/ul	98
42) 2,4,5-Trichlorophenol	12.634	196	136515	21.344	ng/ul	97
43) 1,1'-Biphenyl	12.963	154	440490	20.446	ng/ul	98
44) 2-Chloronaphthalene	13.004	162	354154	20.750	ng/ul	98
45) 2-Nitroaniline	13.228	65	99433	21.146	ng/ul	99
47) Dimethylphthalate	13.616	163	451876	19.858	ng/ul	99
48) 2,6-Dinitrotoluene	13.739	165	93588	20.847	ng/ul	99
50) Acenaphthylene	13.857	152	518918	20.548	ng/ul	100
51) 3-Nitroaniline	14.075	138	70019	16.666	ng/ul#	95
52) Acenaphthene	14.204	153	375305	20.462	ng/ul	99
53) 2,4-Dinitrophenol	14.292	184	59651	19.004	ng/ul	94
55) 4-Nitrophenol	14.398	109	73547	18.991	ng/ul	87
56) Dibenzofuran	14.545	168	555622	20.541	ng/ul	99
57) 2,4-Dinitrotoluene	14.539	165	141046	20.948	ng/ul#	75
58) 2,3,4,6-Tetrachlorophenol	14.780	232	121640	21.185	ng/ul	100
59) Diethylphthalate	14.992	149	470330	20.222	ng/ul	99
61) Fluorene	15.198	166	466274	20.373	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.204	204	236201	20.151	ng/ul	99
63) 4-Nitroaniline	15.245	138	62756	16.676	ng/ul#	84
66) 4,6-Dinitro-2-methylph...	15.304	198	79014	17.524	ng/ul	94
67) N-Nitrosodiphenylamine	15.422	169	402127	20.750	ng/ul	98
68) 4-Bromophenyl-phenylether	16.098	248	146100	21.126	ng/ul	97
69) Hexachlorobenzene	16.198	284	166291	20.711	ng/ul	98
70) Atrazine	16.392	200	148177	20.293	ng/ul	99
71) Pentachlorophenol	16.557	266	99586	18.967	ng/ul	98
72) Phenanthrene	16.939	178	757717	20.558	ng/ul	99
74) Anthracene	17.033	178	777774	20.619	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.922	216	185719	21.148	ng/uL	99
76) Pentachlorobenzene	14.463	250	192762	20.923	ng/uL	99
77) Carbazole	17.316	167	688369	19.939	ng/ul	99
78) Di-n-butylphthalate	17.886	149	847735	21.429	ng/ul	99
80) Fluoranthene	18.968	202	922155	21.519	ng/ul#	94
82) Pyrene	19.333	202	979517	21.589	ng/ul#	94
83) Butylbenzylphthalate	20.257	149	409294	22.975	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.039	252	274525	16.196	ng/ul	97
85) Benzo(a)anthracene	21.092	228	982850	20.986	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.039	149	650878	22.654	ng/ul	97
87) Chrysene	21.145	228	947949	21.043	ng/ul	100
89) Di-n-octyl phthalate	21.898	149	1122400	23.820	ng/ul	100
90) Benzo(b)fluoranthene	22.609	252	971419	22.075	ng/ul	98
91) Benzo(k)fluoranthene	22.656	252	924737m	21.707	ng/ul	
93) Benzo(a)pyrene	23.150	252	813458	20.471	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.350	276	923134	18.151	ng/ul	95
95) Dibenzo(a,h)anthracene	25.362	278	782178	18.287	ng/ul#	96
96) Benzo(g,h,i)perylene	25.986	276	744713	17.684	ng/ul#	95

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

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