Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042725.D
Acq On : 14 Nov 2023 06:26
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Nov 14 14:54:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 14 00:02:28 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD020139

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/15/2023
Supervised By :mohammad ahmed 11/19/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	33901	20.000	ng/ul	0.00
20) Naphthalene-d8	10.651	136	137383	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.492	164	91497	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.245	188	200883	20.000	ng/ul	0.00
79) Chrysene-d12	21.427	240	208294	20.000	ng/ul	# 0.00
88) Perylene-d12	23.797	264	237852	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	8825	8.168	ng/uL	0.00
4) Pyridine-d5	3.622	84	59407	22.105	ng/ul	0.00
7) Phenol-d5	7.004	99	66355	20.111	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	48775	21.038	ng/ul	0.00
11) 2-Chlorophenol-d4	7.357	132	51471	20.217	ng/ul	0.00
15) 4-Methylphenol-d8	8.563	113	51251	19.728	ng/ul	0.00
21) Nitrobenzene-d5	9.039	128	23480	19.494	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143	26937	19.117	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.275	165	50746	19.369	ng/ul	0.00
31) 4-Chloroaniline-d4	10.827	131	62686	18.844	ng/ul	0.00
46) Dimethylphthalate-d6	13.915	166	166758	19.257	ng/ul	0.00
49) Acenaphthylene-d8	14.192	160	178945	19.313	ng/ul	0.00
54) 4-Nitrophenol-d4	14.751	143	12722	13.003	ng/ul	0.00
60) Fluorene-d10	15.486	176	138800	19.356	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.633	200	25048	16.461	ng/ul	0.00
73) Anthracene-d10	17.345	188	211562	18.792	ng/ul	0.00
81) Pyrene-d10	19.639	212	262010	19.209	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.638	264	271303	19.069	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.222	88	10543	9.163	ng/uL	99
5) Pyridine	3.646	79	62755	21.474	ng/ul	98
6) Benzaldehyde	7.004	77	47121	24.892	ng/ul	97
8) Phenol	7.034	94	68764	20.952	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.275	93	56788	20.948	ng/ul	94
12) 2-Chlorophenol	7.392	128	51365	20.273	ng/ul	88
13) 2-Methylphenol	8.292	108	48667	19.886	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.345	45	110992m	22.491	ng/ul	
16) Acetophenone	8.686	105	84902	19.436	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.651	70	55816	20.990	ng/ul	97
18) 4-Methylphenol	8.628	108	50899	19.129	ng/ul	93
19) Hexachloroethane	8.892	117	27654	19.583	ng/ul	93
22) Nitrobenzene	9.081	77	73716	20.249	ng/ul	99
23) Isophorone	9.586	82	145675	20.091	ng/ul	97
25) 2-Nitrophenol	9.780	139	27938	19.515	ng/ul	94
26) 2,4-Dimethylphenol	9.828	107	60569	19.774	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.080	93	76496	20.878	ng/ul	98
29) 2,4-Dichlorophenol	10.304	162	46943	18.924	ng/ul	98
30) Naphthalene	10.704	128	167993	19.518	ng/ul	99
32) 4-Chloroaniline	10.851	127	60159	18.850	ng/ul	99
33) Hexachlorobutadiene	10.922	225	40638	18.546	ng/ul	97
34) Caprolactam	11.669	113	14768m	20.079	ng/ul	
35) 4-Chloro-3-methylphenol	11.963	107	52106	19.603	ng/ul	93
36) 2-Methylnaphthalene	12.310	142	111781	19.378	ng/ul	96

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042725.D
Acq On : 14 Nov 2023 06:26
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020139

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/15/2023
Supervised By :mohammad ahmed 11/19/2023

Quant Time: Nov 14 14:54:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 14 00:02:28 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.533	142	116915	19.277	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.663	216	70352	19.605	ng/ul	97
40) Hexachlorocyclopentadiene	12.604	237	25069	14.756	ng/ul	91
41) 2,4,6-Trichlorophenol	12.927	196	42839	19.545	ng/ul	94
42) 2,4,5-Trichlorophenol	13.004	196	42427	20.046	ng/ul	98
43) 1,1'-Biphenyl	13.327	154	152888	20.036	ng/ul	97
44) 2-Chloronaphthalene	13.374	162	122075	19.887	ng/ul	96
45) 2-Nitroaniline	13.621	65	41626	20.793	ng/ul	88
47) Dimethylphthalate	13.963	163	162026	19.210	ng/ul	100
48) 2,6-Dinitrotoluene	14.115	165	29880	18.857	ng/ul	99
50) Acenaphthylene	14.221	152	203974	19.647	ng/ul	99
51) 3-Nitroaniline	14.457	138	23140	17.859	ng/ul	89
52) Acenaphthene	14.557	153	137572	19.593	ng/ul	99
53) 2,4-Dinitrophenol	14.668	184	10466	13.284	ng/ul	93
55) 4-Nitrophenol	14.762	109	23519	15.276	ng/ul	90
56) Dibenzofuran	14.892	168	188234	19.315	ng/ul	99
57) 2,4-Dinitrotoluene	14.898	165	44304	19.045	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.115	232	41142	18.727	ng/ul#	99
59) Diethylphthalate	15.310	149	165098	18.667	ng/ul	98
61) Fluorene	15.539	166	157604	19.048	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.533	204	84656	18.985	ng/ul	98
63) 4-Nitroaniline	15.627	138	24188	20.476	ng/ul#	93
66) 4,6-Dinitro-2-methylph...	15.645	198	27045	17.458	ng/ul#	89
67) N-Nitrosodiphenylamine	15.762	169	125232	19.877	ng/ul	100
68) 4-Bromophenyl-phenylether	16.433	248	51653	19.317	ng/ul	91
69) Hexachlorobenzene	16.509	284	62074	18.990	ng/ul	97
70) Atrazine	16.709	200	45551	18.769	ng/ul	98
71) Pentachlorophenol	16.880	266	31571	16.772	ng/ul	98
72) Phenanthrene	17.286	178	241039	19.207	ng/ul	99
74) Anthracene	17.380	178	242625	19.221	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.280	216	71518	20.134	ng/uL	99
76) Pentachlorobenzene	14.786	250	73740	19.785	ng/uL	95
77) Carbazole	17.674	167	192304	18.450	ng/ul	98
78) Di-n-butylphthalate	18.186	149	283991	18.632	ng/ul	99
80) Fluoranthene	19.303	202	297429	19.125	ng/ul	97
82) Pyrene	19.668	202	312593	18.956	ng/ul	97
83) Butylbenzylphthalate	20.550	149	128933	18.306	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.362	252	100505	18.853	ng/ul	100
85) Benzo(a)anthracene	21.415	228	308587	18.873	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.297	149	195796	18.322	ng/ul	99
87) Chrysene	21.468	228	303167	19.118	ng/ul	100
89) Di-n-octyl phthalate	22.209	149	347777	18.101	ng/ul	100
90) Benzo(b)fluoranthene	23.068	252	318040	19.593	ng/ul#	98
91) Benzo(k)fluoranthene	23.115	252	338441m	19.587	ng/ul	
93) Benzo(a)pyrene	23.691	252	297978	18.839	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.268	276	377200	19.189	ng/ul	97
95) Dibenzo(a,h)anthracene	26.279	278	304490	18.684	ng/ul	99
96) Benzo(g,h,i)perylene	27.038	276	297601	19.065	ng/ul	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042725.D
Acq On : 14 Nov 2023 06:26
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Nov 14 14:54:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 14 00:02:28 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD020139

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/15/2023
Supervised By :mohammad ahmed 11/19/2023