Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042122\
Data File : BM034736.D
Acq On : 20 Apr 2022 22:35
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 22 00:38:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM042122.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 21 05:03:15 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SICV031

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

04/22/2022
Supervised By :mohammad ahmed

04/26/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.946	152	199407	20.000	ng/ul		0.00
20) Naphthalene-d8	10.751	136	761061	20.000	ng/ul	#	0.00
38) Acenaphthene-d10	14.581	164	489240	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.316	188	1030460	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.492	240	1153767	20.000	ng/ul	#	0.00
88) Perylene-d12	23.892	264	1187903	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.381	96	33195	7.315	ng/uL		0.00
4) Pyridine-d5	3.793	84	200575	17.805	ng/ul		0.00
7) Phenol-d5	7.105	99	276378	18.351	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	146292	17.320	ng/ul		0.00
11) 2-Chlorophenol-d4	7.475	132	247972	19.453	ng/ul		0.00
15) 4-Methylphenol-d8	8.651	113	230041	19.090	ng/ul		0.00
21) Nitrobenzene-d5	9.104	128	113937	20.494	ng/ul		0.00
24) 2-Nitrophenol-d4	9.828	143	127322	22.058	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.369	165	265344	21.823	ng/ul		0.00
31) 4-Chloroaniline-d4	10.881	131	334175	20.326	ng/ul		0.00
46) Dimethylphthalate-d6	13.992	166	747512	20.988	ng/ul		0.00
49) Acenaphthylene-d8	14.275	160	930251	20.309	ng/ul		0.00
54) 4-Nitrophenol-d4	14.757	143	119235	19.943	ng/ul		0.00
60) Fluorene-d10	15.569	176	645146	20.933	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.680	200	111027	18.780	ng/ul		0.00
73) Anthracene-d10	17.416	188	1025351	20.434	ng/ul		0.00
81) Pyrene-d10	19.704	212	1212236	19.305	ng/ul		0.00
92) Benzo(a)pyrene-d12	23.739	264	1219878	20.304	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.417	88	31392	7.078	ng/uL		94
5) Pyridine	3.817	79	210689	17.830	ng/ul		91
6) Benzaldehyde	7.081	77	147267	18.504	ng/ul		90
8) Phenol	7.134	94	270448	18.247	ng/ul		96
10) Bis(2-Chloroethyl)ether	7.369	93	209138	18.282	ng/ul		92
12) 2-Chlorophenol	7.510	128	251002	19.454	ng/ul		93
13) 2-Methylphenol	8.387	108	210225	18.707	ng/ul		96
14) 2,2'-oxybis(1-Chloropr...	8.481	45	237279	15.415	ng/ul#		90
16) Acetophenone	8.769	105	354629	19.208	ng/ul		93
17) N-Nitroso-di-n-propyla...	8.757	70	160541	18.128	ng/ul		90
18) 4-Methylphenol	8.716	108	230995	19.001	ng/ul		98
19) Hexachloroethane	9.034	117	101799	18.832	ng/ul#		80
22) Nitrobenzene	9.146	77	230908	18.397	ng/ul		95
23) Isophorone	9.681	82	431694	18.759	ng/ul		96
25) 2-Nitrophenol	9.863	139	135613	21.396	ng/ul		93
26) 2,4-Dimethylphenol	9.922	107	264682	19.842	ng/ul		97
27) Bis(2-Chloroethoxy)met...	10.163	93	273349	18.949	ng/ul		98
29) 2,4-Dichlorophenol	10.393	162	259618	21.889	ng/ul		98
30) Naphthalene	10.804	128	781307	20.090	ng/ul		99
32) 4-Chloroaniline	10.904	127	330538	20.253	ng/ul		98
33) Hexachlorobutadiene	11.098	225	199517	23.282	ng/ul		97
34) Caprolactam	11.663	113	60870	20.586	ng/ul#		76
35) 4-Chloro-3-methylphenol	12.028	107	227923	20.281	ng/ul		95
36) 2-Methylnaphthalene	12.410	142	553540	20.538	ng/ul		99

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 21 05:03:15 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SICV031

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

04/22/2022
Supervised By :mohammad ahmed

04/26/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.628	142	555228	20.471	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.781	216	367149	23.568	ng/ul#	94
40) Hexachlorocyclopentadiene	12.769	237	242581	21.509	ng/ul	98
41) 2,4,6-Trichlorophenol	13.010	196	209784	22.389	ng/ul	97
42) 2,4,5-Trichlorophenol	13.081	196	226482	22.592	ng/ul	98
43) 1,1'-Biphenyl	13.416	154	743044	19.649	ng/ul	99
44) 2-Chloronaphthalene	13.457	162	586097	19.901	ng/ul	98
45) 2-Nitroaniline	13.651	65	115411	18.176	ng/ul	85
47) Dimethylphthalate	14.039	163	719622	20.638	ng/ul	99
48) 2,6-Dinitrotoluene	14.145	165	138167	21.984	ng/ul	94
50) Acenaphthylene	14.298	152	923753	20.223	ng/ul	99
51) 3-Nitroaniline	14.469	138	82947	14.858	ng/ul	96
52) Acenaphthene	14.639	153	606350	20.142	ng/ul	100
53) 2,4-Dinitrophenol	14.675	184	68712	18.762	ng/ul#	84
55) 4-Nitrophenol	14.769	109	88258	18.601	ng/ul	94
56) Dibenzofuran	14.975	168	892080	20.830	ng/ul	96
57) 2,4-Dinitrotoluene	14.928	165	196134	22.220	ng/ul#	88
58) 2,3,4,6-Tetrachlorophenol	15.198	232	198685	24.914	ng/ul#	85
59) Diethylphthalate	15.404	149	698746	20.441	ng/ul	96
61) Fluorene	15.628	166	716667	20.789	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.622	204	399994	22.561	ng/ul	91
63) 4-Nitroaniline	15.628	138	65661m	13.407	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.692	198	115455	19.469	ng/ul#	84
67) N-Nitrosodiphenylamine	15.827	169	613883	19.367	ng/ul	98
68) 4-Bromophenyl-phenylether	16.516	248	248511	21.936	ng/ul#	89
69) Hexachlorobenzene	16.627	284	286477	22.131	ng/ul#	90
70) Atrazine	16.780	200	237445	20.368	ng/ul	95
71) Pentachlorophenol	16.969	266	171652	20.421	ng/ul	98
72) Phenanthrene	17.363	178	1130567	19.952	ng/ul	100
74) Anthracene	17.451	178	1173245	20.363	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.381	216	368278	21.227	ng/uL	99
76) Pentachlorobenzene	14.898	250	355421	22.224	ng/uL	99
77) Carbazole	17.716	167	987441	19.613	ng/ul	99
78) Di-n-butylphthalate	18.298	149	1111861	19.347	ng/ul	99
80) Fluoranthene	19.374	202	1369481	18.653	ng/ul#	95
82) Pyrene	19.733	202	1436346	18.995	ng/ul#	92
83) Butylbenzylphthalate	20.639	149	481149	18.155	ng/ul#	90
84) 3,3'-Dichlorobenzidine	21.409	252	438051	18.507	ng/ul#	97
85) Benzo(a)anthracene	21.480	228	1450029	20.213	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.421	149	769340	18.310	ng/ul#	98
87) Chrysene	21.533	228	1426199	20.219	ng/ul	100
89) Di-n-octyl phthalate	22.351	149	1244195	18.477	ng/ul	100
90) Benzo(b)fluoranthene	23.162	252	1481931	20.410	ng/ul	98
91) Benzo(k)fluoranthene	23.215	252	1464921	21.252	ng/ul#	97
93) Benzo(a)pyrene	23.786	252	1472620	20.232	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.386	276	1695852	19.306	ng/ul	99
95) Dibenzo(a,h)anthracene	26.397	278	1465409	19.293	ng/ul	100
96) Benzo(g,h,i)perylene	27.144	276	1415262	19.055	ng/ul	100

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

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Instrument :
BNA_M
ClientSampleId :
SICV031

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay