Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010924\
Data File : BM043801.D
Acq On : 09 Jan 2024 14:13
Operator : MA/JU
Sample : SSTD01082
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD010049

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 01/10/2024
Supervised By :mohammad ahmed 01/11/2024

Quant Time: Jan 10 01:05:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM010924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 09 15:57:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	351557	20.000	ng/ul	0.00
20) Naphthalene-d8	10.757	136	1567595	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.592	164	1016769	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.345	188	2149209	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240	1989591	20.000	ng/ul	0.00
88) Perylene-d12	23.956	264	2113748	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	36329	3.543	ng/uL	0.00
4) Pyridine-d5	3.787	84	239246	8.021	ng/ul	0.00
7) Phenol-d5	7.122	99	299153	7.803	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.286	67	199360	8.253	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	235313	8.004	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	237101	7.921	ng/ul	0.00
21) Nitrobenzene-d5	9.128	128	117842	8.064	ng/ul	0.00
24) 2-Nitrophenol-d4	9.851	143	128850	8.363	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.386	165	236986	8.697	ng/ul	0.00
31) 4-Chloroaniline-d4	10.916	131	365951	9.118	ng/ul	0.00
46) Dimethylphthalate-d6	14.015	166	780870	8.711	ng/ul	0.00
49) Acenaphthylene-d8	14.286	160	887476	8.425	ng/ul	0.00
54) 4-Nitrophenol-d4	14.827	143	133203	7.930	ng/ul	0.00
60) Fluorene-d10	15.586	176	652243	8.752	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.727	200	110056	7.734	ng/ul	0.00
73) Anthracene-d10	17.445	188	988268	8.419	ng/ul	0.00
81) Pyrene-d10	19.739	212	1089136	7.289	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.797	264	1028525	8.100	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	36289	3.186	ng/uL	95
5) Pyridine	3.804	79	252588	8.229	ng/ul	97
6) Benzaldehyde	7.098	77	160099m	8.716	ng/ul	
8) Phenol	7.151	94	304278	8.061	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.381	93	256222	8.346	ng/ul	99
12) 2-Chlorophenol	7.510	128	243618	8.106	ng/ul	99
13) 2-Methylphenol	8.404	108	230200	7.970	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.481	45	442520	8.574	ng/ul	98
16) Acetophenone	8.786	105	386605	8.427	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.769	70	220726	8.060	ng/ul	97
18) 4-Methylphenol	8.739	108	255452	8.155	ng/ul	100
19) Hexachloroethane	9.016	117	109518	8.631	ng/ul	98
22) Nitrobenzene	9.169	77	302446	8.360	ng/ul	99
23) Isophorone	9.698	82	619387	8.366	ng/ul	100
25) 2-Nitrophenol	9.880	139	141369	8.654	ng/ul	95
26) 2,4-Dimethylphenol	9.939	107	277492	9.449	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.180	93	371593	8.527	ng/ul	98
29) 2,4-Dichlorophenol	10.416	162	239259	8.992	ng/ul	98
30) Naphthalene	10.810	128	852976	8.772	ng/ul	100
32) 4-Chloroaniline	10.939	127	357543	9.287	ng/ul	99
33) Hexachlorobutadiene	11.074	225	135830	9.846	ng/ul	99
34) Caprolactam	11.751	113	81658	9.501	ng/ul	96
35) 4-Chloro-3-methylphenol	12.063	107	267423	8.645	ng/ul	99
36) 2-Methylnaphthalene	12.421	142	591636	8.888	ng/ul	99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010924\
Data File : BM043801.D
Acq On : 09 Jan 2024 14:13
Operator : MA/JU
Sample : SSTD01082
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 10 01:05:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM010924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 09 15:57:01 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD010049

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/10/2024
Supervised By :mohammad ahmed 01/11/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.639	142	593508	8.853	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.786	216	271592	8.842	ng/ul	98
40) Hexachlorocyclopentadiene	12.745	237	140236	7.363	ng/ul	97
41) 2,4,6-Trichlorophenol	13.033	196	190879	8.740	ng/ul	98
42) 2,4,5-Trichlorophenol	13.110	196	200710	8.661	ng/ul	99
43) 1,1'-Biphenyl	13.427	154	797724	8.480	ng/ul	99
44) 2-Chloronaphthalene	13.474	162	616684	8.539	ng/ul	99
45) 2-Nitroaniline	13.698	65	190611	7.925	ng/ul	97
47) Dimethylphthalate	14.063	163	793391	8.927	ng/ul	99
48) 2,6-Dinitrotoluene	14.192	165	149808	8.668	ng/ul	98
50) Acenaphthylene	14.315	152	1037647	8.547	ng/ul	100
51) 3-Nitroaniline	14.527	138	153103	7.868	ng/ul	98
52) Acenaphthene	14.657	153	691756	8.635	ng/ul	100
53) 2,4-Dinitrophenol	14.739	184	64909	6.936	ng/ul	97
55) 4-Nitrophenol	14.839	109	105407	8.158	ng/ul	97
56) Dibenzofuran	14.992	168	932656	8.956	ng/ul	99
57) 2,4-Dinitrotoluene	14.980	165	220222	8.900	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.221	232	169602	9.376	ng/ul	99
59) Diethylphthalate	15.421	149	832188	9.069	ng/ul	99
61) Fluorene	15.645	166	794648	8.878	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.639	204	363380	9.090	ng/ul	99
63) 4-Nitroaniline	15.686	138	138192	7.879	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.739	198	122307	8.031	ng/ul#	89
67) N-Nitrosodiphenylamine	15.857	169	644720	8.109	ng/ul	99
68) 4-Bromophenyl-phenylether	16.533	248	212597	8.508	ng/ul	98
69) Hexachlorobenzene	16.639	284	257084	8.930	ng/ul	100
70) Atrazine	16.815	200	219554	11.046	ng/ul	99
71) Pentachlorophenol	16.998	266	133372	7.694	ng/ul	99
72) Phenanthrene	17.386	178	1204586	8.501	ng/ul	100
74) Anthracene	17.480	178	1226911	8.558	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.392	216	269901	7.965	ng/uL	99
76) Pentachlorobenzene	14.904	250	278858	8.400	ng/uL	98
77) Carbazole	17.762	167	1128552	9.230	ng/ul	100
78) Di-n-butylphthalate	18.321	149	1516253	9.301	ng/ul	100
80) Fluoranthene	19.403	202	1341856	7.252	ng/ul	99
82) Pyrene	19.768	202	1414238	7.431	ng/ul	99
83) Butylbenzylphthalate	20.674	149	667270	7.982	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.456	252	403967	8.293	ng/ul	99
85) Benzo(a)anthracene	21.521	228	1397702	8.589	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.444	149	1042154	8.592	ng/ul	99
87) Chrysene	21.574	228	1251251	8.541	ng/ul	99
89) Di-n-octyl phthalate	22.386	149	1678435	8.511	ng/ul	100
90) Benzo(b)fluoranthene	23.215	252	1329249	8.387	ng/ul	98
91) Benzo(k)fluoranthene	23.268	252	1271941	8.215	ng/ul	100
93) Benzo(a)pyrene	23.850	252	1213301	8.397	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.479	276	1365349	7.974	ng/ul	98
95) Dibenzo(a,h)anthracene	26.497	278	1118654	7.884	ng/ul	99
96) Benzo(g,h,i)perylene	27.256	276	1052534	7.899	ng/ul	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010924\
Data File : BM043801.D
Acq On : 09 Jan 2024 14:13
Operator : MA/JU
Sample : SSTD01082
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 10 01:05:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM010924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 09 15:57:01 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD010049

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/10/2024
Supervised By :mohammad ahmed 01/11/2024