Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102423\
Data File : VV032617.D
Acq On : 25 Oct 2023 02:36
Operator : SY/MD
Sample : 04995-04MSD
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Oct 25 08:37:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 25 08:15:09 2023
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
A4937MSD

Manual Integrations APPROVED

Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/26/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	93079	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	106834	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	55369	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	23671	3.127	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 62.600%			
7) Chloroethane-d5	1.532	69	27316	4.445	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.000%			
11) 1,1-Dichloroethene-d2	2.060	65	9634	3.018	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 60.400%			
20) 2-Butanone-d5	3.799	46	103690	54.147	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.300%			
24) Chloroform-d	4.253	84	59782m	4.477	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.600%			
26) 1,2-Dichloroethane-d4	4.947	65	31542	4.986	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.800%			
32) Benzene-d6	4.963	84	101378	3.225	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 64.400%#			
36) 1,2-Dichloropropane-d6	5.992	67	34292	3.292	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 65.800%			
41) Toluene-d8	7.246	98	97524	3.393	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 67.800%#			
43) trans-1,3-Dichloroprop...	7.558	79	13884	3.762	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.200%			
46) 2-Hexanone-d5	8.027	63	90340	52.024	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.040%			
56) 1,1,2,2-Tetrachloroeth...	10.156	84	37444	5.140	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.800%			
66) 1,2-Dichlorobenzene-d4	11.564	152	41551	4.044	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 80.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	49570	4.779	ug/L	98
3) Chloromethane	1.217	50	49330	4.718	ug/L	100
5) Vinyl chloride	1.282	62	48191	4.832	ug/L	100
6) Bromomethane	1.487	94	29373	4.876	ug/L	96
8) Chloroethane	1.548	64	34711	5.781	ug/L	97
9) Trichlorofluoromethane	1.712	101	67374	5.633	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	37047	5.112	ug/L	98
12) 1,1-Dichloroethene	2.069	96	33163	4.858	ug/L	88
13) Acetone	2.130	43	63553	43.059	ug/L	95
14) Carbon disulfide	2.243	76	96897	4.060	ug/L	99
15) Methyl Acetate	2.384	43	13051	3.928	ug/L	98
16) Methylene chloride	2.449	84	40234	4.521	ug/L	96
17) Methyl tert-butyl Ether	2.706	73	84814	4.564	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	33671	4.306	ug/L	98
19) 1,1-Dichloroethane	3.114	63	67713	4.604	ug/L	98
21) 2-Butanone	3.880	43	92503	40.078	ug/L	94
22) cis-1,2-Dichloroethene	3.815	96	39210	4.657	ug/L	95
23) Bromochloromethane	4.150	128	17966	5.072	ug/L	89
25) Chloroform	4.278	83	72650	5.034	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102423\
Data File : VV032617.D
Acq On : 25 Oct 2023 02:36
Operator : SY/MD
Sample : 04995-04MSD
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Oct 25 08:37:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 25 08:15:09 2023
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
A4937MSD

Manual Integrations APPROVED

Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/26/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.047	62	45941	5.388	ug/L		98
29) 1,1,1-Trichloroethane	4.513	97	61691	4.247	ug/L		98
30) Cyclohexane	4.587	56	50928	3.191	ug/L		96
31) Carbon tetrachloride	4.738	117	50523	4.111	ug/L		100
33) Benzene	5.011	78	150346	3.997	ug/L		100
34) Trichloroethene	5.838	95	38253	3.725	ug/L		97
35) Methylcyclohexane	6.053	83	57784	3.636	ug/L		97
37) 1,2-Dichloropropane	6.095	63	41512	4.127	ug/L	#	97
38) Bromodichloromethane	6.436	83	50706	4.242	ug/L		99
39) cis-1,3-Dichloropropene	6.957	75	59958	4.188	ug/L		99
40) 4-Methyl-2-pentanone	7.159	43	260263	40.885	ug/L		98
42) Toluene	7.317	91	182203	4.544	ug/L		99
44) trans-1,3-Dichloropropene	7.587	75	48259	4.102	ug/L		98
45) 1,1,2-Trichloroethane	7.770	97	31756	4.475	ug/L		97
47) Tetrachloroethene	7.908	164	33101	4.251	ug/L		98
48) 2-Hexanone	8.079	43	188105	41.882	ug/L		98
49) Dibromochloromethane	8.178	129	35224	4.768	ug/L		94
50) 1,2-Dibromoethane	8.284	107	29559	4.404	ug/L		98
51) Chlorobenzene	8.818	112	114474	4.434	ug/L		98
52) Ethylbenzene	8.950	91	191961	4.299	ug/L		99
53) m,p-Xylene	9.075	106	72745	4.393	ug/L		98
54) o-Xylene	9.481	106	69338	4.345	ug/L		99
55) Styrene	9.500	104	122097	4.531	ug/L		97
57) 1,1,2,2-Tetrachloroethane	10.182	83	39140	5.013	ug/L		100
59) Bromoform	9.667	173	18981	4.714	ug/L		99
60) Isopropylbenzene	9.870	105	190925	4.437	ug/L		99
61) 1,2,3-Trichloropropane	10.214	75	26677	4.527	ug/L		98
62) 1,3,5-Trimethylbenzene	10.481	105	146636	4.181	ug/L		97
63) 1,2,4-Trimethylbenzene	10.854	105	149264	4.275	ug/L		100
64) 1,3-Dichlorobenzene	11.120	146	92572	4.503	ug/L		99
65) 1,4-Dichlorobenzene	11.214	146	94760	4.595	ug/L		99
67) 1,2-Dichlorobenzene	11.580	146	86142	4.595	ug/L		99
68) 1,2-Dibromo-3-chloropr...	12.368	75	5313	4.412	ug/L		97
69) 1,3,5-Trichlorobenzene	12.583	180	65243	4.334	ug/L		99
70) 1,2,4-trichlorobenzene	13.201	180	53378	3.997	ug/L		99
71) Naphthalene	13.442	128	91449	4.031	ug/L		98
72) 1,2,3-Trichlorobenzene	13.683	180	50410	4.381	ug/L		97

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102423\
Data File : VV032617.D
Acq On : 25 Oct 2023 02:36
Operator : SY/MD
Sample : 04995-04MSD
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Oct 25 08:37:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 25 08:15:09 2023
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
A4937MSD

Manual Integrations APPROVED

Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/26/2023