

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021023\
 Data File : VU053033.D
 Acq On : 10 Feb 2023 12:32
 Operator : JC/MD
 Sample : VSTD02011
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020011

Quant Time: Feb 10 23:04:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 10 23:01:28 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 02/13/2023
 Supervised By :Mahesh Dadoda 02/13/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	131288	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.411	117	117542	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	59433	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	126314	20.083	ug/L	0.00
7) Chloroethane-d5	1.913	69	120317	20.351	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	55408	19.207	ug/L	0.00
20) 2-Butanone-d5	4.640	46	415046	215.472	ug/L	0.00
24) Chloroform-d	5.058	84	286315	19.782	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	146487	20.087	ug/L	0.00
32) Benzene-d6	5.723	84	527785	19.982	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	183252	19.920	ug/L	0.00
41) Toluene-d8	7.894	98	464397	19.462	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	75429	20.253	ug/L	0.00
46) 2-Hexanone-d5	8.630	63	357520	216.226	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.752	84	162985	20.629	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.189	152	181766	20.472	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	186939	19.394	ug/L	99
3) Chloromethane	1.518	50	191372	19.055	ug/L	100
5) Vinyl chloride	1.601	62	219589	19.846	ug/L	99
6) Bromomethane	1.859	94	137607	19.998	ug/L	98
8) Chloroethane	1.933	64	128309	19.693	ug/L	97
9) Trichlorofluoromethane	2.138	101	308280	20.225	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	170423	20.309	ug/L	98
12) 1,1-Dichloroethene	2.576	96	157011	20.215	ug/L	90
13) Acetone	2.666	43	241127m	173.395	ug/L	
14) Carbon disulfide	2.788	76	475524	20.276	ug/L	98
15) Methyl Acetate	2.955	43	63840m	19.235	ug/L	
16) Methylene chloride	3.042	84	164978	18.360	ug/L	97
17) Methyl tert-butyl Ether	3.360	73	417929	19.816	ug/L	99
18) trans-1,2-Dichloroethene	3.347	96	159045	19.352	ug/L	99
19) 1,1-Dichloroethane	3.865	63	313724	20.268	ug/L	100
21) 2-Butanone	4.720	43	399864	194.052	ug/L	94
22) cis-1,2-Dichloroethene	4.659	96	182943	19.724	ug/L	98
23) Bromochloromethane	4.968	128	76604	20.855	ug/L	97
25) Chloroform	5.084	83	316697	19.572	ug/L	98
27) 1,2-Dichloroethane	5.791	62	197853	19.891	ug/L	99
29) 1,1,1-Trichloroethane	5.312	97	275256	19.602	ug/L	98
30) Cyclohexane	5.383	56	274897	19.578	ug/L	99
31) Carbon tetrachloride	5.521	117	238368	20.338	ug/L	98
33) Benzene	5.768	78	676908	19.985	ug/L	100
34) Trichloroethene	6.537	95	186581	19.577	ug/L	98
35) Methylcyclohexane	6.759	83	305133	19.775	ug/L	100
37) 1,2-Dichloropropane	6.785	63	185138	20.074	ug/L	100
38) Bromodichloromethane	7.100	83	230907	19.308	ug/L	98
39) cis-1,3-Dichloropropene	7.601	75	301939	20.525	ug/L	100
40) 4-Methyl-2-pentanone	7.788	43	960930	199.588	ug/L	100
42) Toluene	7.965	91	735606	19.994	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	247817	20.421	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021023\
 Data File : VU053033.D
 Acq On : 10 Feb 2023 12:32
 Operator : JC/MD
 Sample : VSTD02011
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020011

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/13/2023
 Supervised By :Mahesh Dadoda 02/13/2023

Quant Time: Feb 10 23:04:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 10 23:01:28 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.395	97	127026	19.116	ug/L	96
47) Tetrachloroethene	8.550	164	127492	20.580	ug/L	97
48) 2-Hexanone	8.682	43	702492	198.804	ug/L	100
49) Dibromochloromethane	8.807	129	149523	20.639	ug/L	98
50) 1,2-Dibromoethane	8.919	107	123450	20.135	ug/L	97
51) Chlorobenzene	9.444	112	461430	20.104	ug/L	99
52) Ethylbenzene	9.566	91	835318	20.006	ug/L	99
53) m,p-Xylene	9.688	106	316811	20.292	ug/L	97
54) o-Xylene	10.096	106	311312	20.569	ug/L	99
55) Styrene	10.109	104	519357	21.154	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	164148	19.523	ug/L	98
59) Bromoform	10.286	173	88557	20.498	ug/L	98
60) Isopropylbenzene	10.479	105	846681	19.691	ug/L	100
61) 1,2,3-Trichloropropane	10.816	75	111675	19.568	ug/L	98
62) 1,3,5-Trimethylbenzene	11.083	105	721108	19.859	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	723793	19.915	ug/L	99
64) 1,3-Dichlorobenzene	11.739	146	351466	20.184	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	347958	19.943	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	327503	20.171	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.990	75	28809	21.478	ug/L	96
69) 1,3,5-Trichlorobenzene	13.215	180	258977	20.879	ug/L	100
70) 1,2,4-trichlorobenzene	13.836	180	225874	21.935	ug/L	98
71) Naphthalene	14.080	128	451037	21.840	ug/L	100
72) 1,2,3-Trichlorobenzene	14.324	180	200869	22.102	ug/L	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021023\
 Data File : VU053033.D
 Acq On : 10 Feb 2023 12:32
 Operator : JC/MD
 Sample : VSTD02011
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020011

Manual Integrations APPROVED

Reviewed By :Krupa Patel 02/13/2023
 Supervised By :Mahesh Dadoda 02/13/2023

Quant Time: Feb 10 23:04:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 10 23:01:28 2023
 Response via : Initial Calibration

