

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033123\
 Data File : VU053487.D
 Acq On : 31 Mar 2023 12:30
 Operator : JC/MD
 Sample : VSTD00511
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005011

Quant Time: Apr 01 04:37:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 01 04:36:17 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 04/03/2023
 Supervised By :Mahesh Dadoda 04/03/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	294905	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	272888	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	142655	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	10893	4.109	ug/L	0.00
7) Chloroethane-d5	1.912	69	8452	3.975	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	63	17192	4.212	ug/L	0.00
21) 2-Butanone-d5	4.629	46	8982m	8.478	ug/L	0.02
24) Chloroform-d	5.060	84	17559	4.017	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	10019	3.814	ug/L	0.00
32) Benzene-d6	5.726	84	35441	4.078	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	11469	4.284	ug/L	0.00
41) Toluene-d8	7.896	98	34112	4.006	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	5348	3.704	ug/L	0.00
47) 2-Hexanone-d5	8.629	63	6351	7.626	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.751	84	13963	3.754	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.188	152	14767	4.739	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	12301	5.249	ug/L	98
3) Chloromethane	1.520	50	9878	4.643	ug/L	93
5) Vinyl chloride	1.604	62	11171	4.321	ug/L	98
6) Bromomethane	1.854	94	8216	4.567	ug/L	96
8) Chloroethane	1.935	64	7200	4.583	ug/L	90
9) Trichlorofluoromethane	2.141	101	17176	4.341	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	10049	4.900	ug/L	98
12) 1,1-Dichloroethene	2.578	96	9288	4.836	ug/L	95
13) Acetone	2.629	43	8517	8.836	ug/L	95
14) Carbon disulfide	2.793	76	23283	4.158	ug/L	98
15) Methyl Acetate	2.951	43	6500	4.536	ug/L	92
16) Methylene chloride	3.041	84	11374	4.954	ug/L	90
17) trans-1,2-Dichloroethene	3.353	96	8630	4.233	ug/L	95
18) Methyl tert-butyl Ether	3.362	73	26236	4.195	ug/L	98
19) 1,1-Dichloroethane	3.867	63	14566	4.201	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	10188	4.426	ug/L	98
22) 2-Butanone	4.710	43	10904m	9.541	ug/L	
23) Bromochloromethane	4.976	128	5798	4.609	ug/L	96
25) Chloroform	5.083	83	17272	4.430	ug/L	94
27) 1,2-Dichloroethane	5.793	62	12540	4.506	ug/L #	93
29) Cyclohexane	5.385	56	13462	4.317	ug/L	98
30) 1,1,1-Trichloroethane	5.314	97	15243	4.446	ug/L	97
31) Carbon tetrachloride	5.523	117	13261	4.407	ug/L	98
33) Benzene	5.771	78	35290	4.332	ug/L	100
34) Trichloroethene	6.539	95	10910	4.830	ug/L	96
35) Methylcyclohexane	6.761	83	15410	4.122	ug/L	99
37) 1,2-Dichloropropane	6.787	63	9261	4.470	ug/L #	90
38) Bromodichloromethane	7.105	83	11402	3.875	ug/L #	95
39) cis-1,3-Dichloropropene	7.603	75	13897	3.941	ug/L	100
40) 4-Methyl-2-pentanone	7.787	43	17788	8.660	ug/L	99
42) Toluene	7.967	91	39395	4.266	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	12413	3.646	ug/L	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033123\
 Data File : VU053487.D
 Acq On : 31 Mar 2023 12:30
 Operator : JC/MD
 Sample : VSTD00511
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005011

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/03/2023
 Supervised By :Mahesh Dadoda 04/03/2023

Quant Time: Apr 01 04:37:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 01 04:36:17 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.394	97	9780	4.523	ug/L	95
46) Tetrachloroethene	8.552	164	8816	4.888	ug/L	91
48) 2-Hexanone	8.681	43	14750m	9.030	ug/L	
49) Dibromochloromethane	8.806	129	9291	3.654	ug/L	95
50) 1,2-Dibromoethane	8.922	107	10330	4.366	ug/L	88
51) Chlorobenzene	9.443	112	28494	4.752	ug/L	96
52) Ethylbenzene	9.568	91	43774	4.301	ug/L	99
53) m,p-Xylene	9.690	106	16986	4.237	ug/L	91
54) o-xylene	10.098	106	16510	4.153	ug/L	91
55) Styrene	10.111	104	24837	3.730	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.777	83	14194	4.273	ug/L	94
59) Bromoform	10.288	173	6450	3.594	ug/L #	38
60) 1,2,3-Trichloropropane	10.819	75	10480	4.541	ug/L	97
61) Isopropylbenzene	10.481	105	43327	4.509	ug/L	97
62) 1,3,5-Trimethylbenzene	11.086	105	34390	4.097	ug/L	97
63) 1,2,4-Trimethylbenzene	11.465	105	33657	4.114	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	23055	5.215	ug/L	95
65) 1,4-Dichlorobenzene	11.832	146	24179	5.434	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	22356	5.018	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	2421	3.531	ug/L	96
69) 1,3,5-Trichlorobenzene	13.217	180	16192	4.775	ug/L	96
70) 1,2,4-trichlorobenzene	13.838	180	15001	4.913	ug/L	99
71) Naphthalene	14.085	128	44464	4.868	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	14718	4.907	ug/L	99

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

