

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112122\
 Data File : VU051995.D
 Acq On : 21 Nov 2022 14:16
 Operator : JC/MD
 Sample : VSTD00555
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005055

Quant Time: Nov 22 00:38:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 22 00:38:01 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 11/22/2022
 Supervised By :Mahesh Dadoda 11/23/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	472673	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	454326	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	195417	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	20222	5.216	ug/L	0.00
7) Chloroethane-d5	1.909	69	15462	4.866	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	63	30302	4.728	ug/L	0.00
21) 2-Butanone-d5	4.629	46	20714	7.888	ug/L	0.01
24) Chloroform-d	5.063	84	31906	4.604	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	20555	4.818	ug/L	0.00
32) Benzene-d6	5.726	84	62552	4.947	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	20653	5.000	ug/L	0.00
41) Toluene-d8	7.896	98	53148	4.653	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	8187	4.699	ug/L	0.00
47) 2-Hexanone-d5	8.632	63	11413	6.451	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.751	84	32216	4.587	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	21381	5.727	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	13500	3.483	ug/L	98
3) Chloromethane	1.526	50	19535	3.847	ug/L	96
5) Vinyl chloride	1.604	62	19406	3.855	ug/L #	72
6) Bromomethane	1.848	94	9300	3.561	ug/L	97
8) Chloroethane	1.928	64	12795	4.207	ug/L	86
9) Trichlorofluoromethane	2.137	101	23291	3.998	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	15154	4.207	ug/L	99
12) 1,1-Dichloroethene	2.578	96	13716	4.019	ug/L	90
13) Acetone	2.623	43	24123	8.362	ug/L	96
14) Carbon disulfide	2.793	76	34872	3.257	ug/L	100
15) Methyl Acetate	2.951	43	17778	4.018	ug/L	94
16) Methylene chloride	3.044	84	24206	5.321	ug/L	98
17) trans-1,2-Dichloroethene	3.353	96	14410	4.088	ug/L	99
18) Methyl tert-butyl Ether	3.359	73	42718	4.149	ug/L	98
19) 1,1-Dichloroethane	3.864	63	29465m	4.202	ug/L	
20) cis-1,2-Dichloroethene	4.668	96	15947	4.072	ug/L	99
22) 2-Butanone	4.706	43	25199	7.415	ug/L	96
23) Bromochloromethane	4.973	128	9049	4.140	ug/L	98
25) Chloroform	5.089	83	30339	4.192	ug/L	97
27) 1,2-Dichloroethane	5.796	62	22813	4.102	ug/L	97
29) Cyclohexane	5.388	56	17648	3.797	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	23341	4.384	ug/L	100
31) Carbon tetrachloride	5.523	117	19000	4.251	ug/L	100
33) Benzene	5.774	78	64619	4.382	ug/L	100
34) Trichloroethene	6.539	95	15469	4.361	ug/L	93
35) Methylcyclohexane	6.761	83	19288	3.854	ug/L	94
37) 1,2-Dichloropropane	6.787	63	18266	4.502	ug/L #	95
38) Bromodichloromethane	7.105	83	22705	4.396	ug/L	92
39) cis-1,3-Dichloropropene	7.607	75	21408	3.982	ug/L	93
40) 4-Methyl-2-pentanone	7.790	43	38615	7.204	ug/L	96
42) Toluene	7.970	91	61298	4.052	ug/L	97
44) trans-1,3-Dichloropropene	8.208	75	20731	4.002	ug/L	96

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

45) 1,1,2-Trichloroethane	8.398	97	17820	4.399	ug/L	95
46) Tetrachloroethene	8.552	164	11972	4.548	ug/L	95
48) 2-Hexanone	8.684	43	32656	7.226	ug/L	91
49) Dibromochloromethane	8.806	129	17233	4.149	ug/L	95
50) 1,2-Dibromoethane	8.922	107	16978	4.090	ug/L	94
51) Chlorobenzene	9.446	112	42166	4.233	ug/L	94
52) Ethylbenzene	9.568	91	58715	3.841	ug/L	98
53) m,p-Xylene	9.693	106	22061	3.756	ug/L	97
54) o-Xylene	10.098	106	21251	3.612	ug/L	100
55) Styrene	10.115	104	33222	3.285	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.780	83	30932	4.024	ug/L	100
59) Bromoform	10.288	173	13030	4.762	ug/L #	94
60) 1,2,3-Trichloropropane	10.819	75	23964	4.754	ug/L	99
61) Isopropylbenzene	10.481	105	52255	4.212	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	36790	3.538	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	34345	3.372	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	26959	4.304	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	29037	4.524	ug/L	96
67) 1,2-Dichlorobenzene	12.211	146	28515	4.355	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	5683	4.214	ug/L	96
69) 1,3,5-Trichlorobenzene	13.217	180	17582	4.204	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	12570	3.863	ug/L	99
71) Naphthalene	14.085	128	34652	3.300	ug/L	98
72) 1,2,3-Trichlorobenzene	14.330	180	13836	3.981	ug/L	97

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

