

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031523\
 Data File : VU053190.D
 Acq On : 15 Mar 2023 09:49
 Operator : JC/MD
 Sample : VSTD00505
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005005

Quant Time: Mar 16 03:44:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 16 03:43:12 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 03/16/2023
 Supervised By :Mahesh Dadoda 03/17/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	177726	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	169139	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	85317	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	8015	4.882	ug/L	0.00
7) Chloroethane-d5	1.916	69	6513	4.764	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.572	63	14225	5.071	ug/L	0.00
21) 2-Butanone-d5	4.636	46	7017m	8.355	ug/L	0.01
24) Chloroform-d	5.063	84	13433	4.737	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	8411	4.679	ug/L	0.00
32) Benzene-d6	5.726	84	27408	4.639	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	8882	4.609	ug/L	0.00
41) Toluene-d8	7.896	98	25648	4.690	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	4159	4.257	ug/L	0.00
47) 2-Hexanone-d5	8.636	63	4865	7.444	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.751	84	10683	4.170	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	8343	4.527	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	8894	4.877	ug/L	96
3) Chloromethane	1.520	50	8538	4.830	ug/L	96
5) Vinyl chloride	1.607	62	8969	4.729	ug/L	96
6) Bromomethane	1.858	94	4850	4.038	ug/L	95
8) Chloroethane	1.938	64	5290	4.603	ug/L	99
9) Trichlorofluoromethane	2.141	101	11234	4.603	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	6649	4.781	ug/L	97
12) 1,1-Dichloroethene	2.581	96	6329	4.842	ug/L	92
13) Acetone	2.639	43	9122	15.035	ug/L	91
14) Carbon disulfide	2.793	76	18777	4.457	ug/L	95
15) Methyl Acetate	2.951	43	5635	4.780	ug/L #	88
16) Methylene chloride	3.047	84	8651	5.714	ug/L	91
17) trans-1,2-Dichloroethene	3.353	96	6083	4.569	ug/L	94
18) Methyl tert-butyl Ether	3.363	73	20485	4.587	ug/L	98
19) 1,1-Dichloroethane	3.867	63	12890	4.908	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	7346	4.726	ug/L	98
22) 2-Butanone	4.713	43	9626m	11.170	ug/L	
23) Bromochloromethane	4.973	128	3579	4.890	ug/L	93
25) Chloroform	5.086	83	12709	4.744	ug/L	99
27) 1,2-Dichloroethane	5.793	62	10371	4.994	ug/L #	94
29) Cyclohexane	5.385	56	12542	5.015	ug/L	96
30) 1,1,1-Trichloroethane	5.314	97	11242	4.784	ug/L	98
31) Carbon tetrachloride	5.523	117	9089	4.573	ug/L	97
33) Benzene	5.774	78	28872	4.860	ug/L	100
34) Trichloroethene	6.539	95	7378	4.771	ug/L	92
35) Methylcyclohexane	6.761	83	13193	4.930	ug/L	97
37) 1,2-Dichloropropane	6.787	63	8157	4.960	ug/L #	97
38) Bromodichloromethane	7.102	83	9362	4.538	ug/L	96
39) cis-1,3-Dichloropropene	7.607	75	12458	4.612	ug/L	97
40) 4-Methyl-2-pentanone	7.790	43	15803	9.012	ug/L	98
42) Toluene	7.967	91	30439	4.791	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	11129	4.467	ug/L	96

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

45) 1,1,2-Trichloroethane	8.398	97	7245	4.872	ug/L	98
46) Tetrachloroethene	8.552	164	4762	4.675	ug/L	91
48) 2-Hexanone	8.684	43	13717	9.763	ug/L #	95
49) Dibromochloromethane	8.806	129	7045	4.575	ug/L	98
50) 1,2-Dibromoethane	8.922	107	7573	4.771	ug/L #	95
51) Chlorobenzene	9.446	112	18672	4.749	ug/L	96
52) Ethylbenzene	9.568	91	33795	4.772	ug/L	99
53) m,p-Xylene	9.690	106	12329	4.642	ug/L	97
54) o-Xylene	10.095	106	12226	4.632	ug/L	95
55) Styrene	10.111	104	19432	4.430	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.777	83	11226	4.619	ug/L	94
59) Bromoform	10.288	173	4461	4.296	ug/L #	97
60) 1,2,3-Trichloropropane	10.822	75	8477	4.780	ug/L	97
61) Isopropylbenzene	10.481	105	33288	4.898	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	26474	4.610	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	25683	4.604	ug/L	98
64) 1,3-Dichlorobenzene	11.742	146	13534	4.822	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	13515	4.753	ug/L	95
67) 1,2-Dichlorobenzene	12.211	146	13796	4.889	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.992	75	2039	3.942	ug/L	85
69) 1,3,5-Trichlorobenzene	13.217	180	7565	3.988	ug/L	94
70) 1,2,4-trichlorobenzene	13.838	180	6378	3.564	ug/L	99
71) Naphthalene	14.089	128	20865	3.058	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	5880	3.300	ug/L	93

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

