

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082622\
 Data File : VU050471.D
 Acq On : 26 Aug 2022 20:47
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050177

Quant Time: Aug 27 02:51:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 27 02:44:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	358202	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	349914	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	162110	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	179903	42.475	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.960%
7) Chloroethane-d5	1.900	69	144155	45.997	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	2.562	63	264600	44.205	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.420%
21) 2-Butanone-d5	4.623	46	271503	97.934	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.930%
24) Chloroform-d	5.060	84	303609	44.655	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.300%
26) 1,2-Dichloroethane-d4	5.700	65	187177	44.296	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.600%
32) Benzene-d6	5.726	84	611958	47.332	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.660%
36) 1,2-Dichloropropane-d6	6.690	67	199779	46.643	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.280%
41) Toluene-d8	7.899	98	543088	48.004	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	8.179	79	72434	40.541	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.080%
47) 2-Hexanone-d5	8.636	63	172519	108.536	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.540%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	296836	44.932	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.860%
66) 1,2-Dichlorobenzene-d4	12.195	152	180255	46.548	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	126603	45.216	ug/L	100
3) Chloromethane	1.517	50	155795	47.809	ug/L	98
5) Vinyl chloride	1.601	62	147096	46.163	ug/L	100
6) Bromomethane	1.839	94	64729	54.937	ug/L	99
8) Chloroethane	1.922	64	96499	49.849	ug/L	100
9) Trichlorofluoromethane	2.131	101	185866	45.847	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	110966	44.645	ug/L	98
12) 1,1-Dichloroethene	2.575	96	102949	46.852	ug/L	97
13) Acetone	2.629	43	163311	89.594	ug/L	100
14) Carbon disulfide	2.787	76	212310	37.864	ug/L	100
15) Methyl Acetate	2.948	43	171801	52.387	ug/L	98
16) Methylene chloride	3.041	84	147387	48.128	ug/L	99
17) trans-1,2-Dichloroethene	3.350	96	108344	46.904	ug/L	99
18) Methyl tert-butyl Ether	3.366	73	405695	55.492	ug/L	100
19) 1,1-Dichloroethane	3.867	63	246816	49.320	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	140322	50.729	ug/L	99
22) 2-Butanone	4.703	43	258863	104.787	ug/L	100
23) Bromochloromethane	4.973	128	74519	49.325	ug/L	97
25) Chloroform	5.086	83	264155	49.548	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	199523	50.170	ug/L	98
29) Cyclohexane	5.388	56	154837	48.104	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	192656	48.124	ug/L	100
31) Carbon tetrachloride	5.523	117	149239	45.426	ug/L	100
33) Benzene	5.771	78	559207	52.784	ug/L	100
34) Trichloroethene	6.542	95	124179	49.518	ug/L	99
35) Methylcyclohexane	6.761	83	156174	44.537	ug/L	99
37) 1,2-Dichloropropane	6.790	63	159476	51.823	ug/L	99
38) Bromodichloromethane	7.105	83	186351	47.464	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	190424	47.121	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	473541	115.796	ug/L	100
42) Toluene	7.970	91	574113	53.787	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	174468	46.317	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	156929	51.825	ug/L	97
46) Tetrachloroethene	8.552	164	87265	47.380	ug/L	97
48) 2-Hexanone	8.684	43	395018	115.666	ug/L	99
49) Dibromochloromethane	8.809	129	145353	46.340	ug/L	98
50) 1,2-Dibromoethane	8.925	107	151801	50.163	ug/L	99
51) Chlorobenzene	9.446	112	353960	50.532	ug/L	99
52) Ethylbenzene	9.571	91	552891	51.394	ug/L	100
53) m,p-Xylene	9.693	106	209741	52.207	ug/L	99
54) o-Xylene	10.102	106	217821	54.573	ug/L	98
55) Styrene	10.115	104	374609	55.157	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	286011	51.691	ug/L	99
59) Bromoform	10.292	173	102513	44.159	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	217717	52.117	ug/L	99
61) Isopropylbenzene	10.484	105	533433	53.200	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	432246	53.388	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	431192	54.605	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	244573	49.885	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	242561	49.127	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	267020	51.792	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	52951	47.693	ug/L	94
69) 1,3,5-Trichlorobenzene	13.221	180	165072	48.845	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	137776	50.905	ug/L	98
71) Naphthalene	14.089	128	514552	57.956	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	161399	54.563	ug/L	99

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

