

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052424\
 Data File : VU058948.D
 Acq On : 23 May 2024 14:16
 Operator : MD/SY
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV070

Quant Time: May 24 06:57:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 06:52:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	193333	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	195835	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	106442	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	96747	47.314	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.620%
7) Chloroethane-d5	1.907	69	79670	46.882	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.760%
11) 1,1-Dichloroethene-d2	2.563	63	145038	46.427	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.860%
21) 2-Butanone-d5	4.618	46	151812	108.086	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.090%
24) Chloroform-d	5.055	84	169575	48.349	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.700%
26) 1,2-Dichloroethane-d4	5.695	65	108238	50.461	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.920%
32) Benzene-d6	5.721	84	340469	50.996	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.000%
36) 1,2-Dichloropropane-d6	6.685	67	113808	51.609	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.220%
41) Toluene-d8	7.894	98	307817	51.437	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.880%
43) trans-1,3-Dichloroprop...	8.174	79	52871	53.395	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.780%
47) 2-Hexanone-d5	8.627	63	103027	112.964	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.960%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	172157	51.893	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.780%
66) 1,2-Dichlorobenzene-d4	12.187	152	113447	51.654	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	55933	43.242	ug/L	99
3) Chloromethane	1.518	50	61825	44.605	ug/L	99
5) Vinyl chloride	1.602	62	69358	42.852	ug/L	99
6) Bromomethane	1.853	94	44955	46.859	ug/L	99
8) Chloroethane	1.930	64	48456	43.654	ug/L	99
9) Trichlorofluoromethane	2.136	101	95748	43.493	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	64368	43.013	ug/L	99
12) 1,1-Dichloroethene	2.576	96	52949	44.209	ug/L	92
13) Acetone	2.627	43	97026	78.349	ug/L	99
14) Carbon disulfide	2.788	76	103080	45.746	ug/L	97
15) Methyl Acetate	2.943	43	99574	49.895	ug/L	99
16) Methylene chloride	3.039	84	78239	40.952	ug/L	99
17) trans-1,2-Dichloroethene	3.351	96	58337	48.484	ug/L	96
18) Methyl tert-butyl Ether	3.354	73	241560	50.721	ug/L	98
19) 1,1-Dichloroethane	3.859	63	141510	46.168	ug/L	100
20) cis-1,2-Dichloroethene	4.660	96	78855	49.511	ug/L	99
22) 2-Butanone	4.698	43	149483	92.665	ug/L	100
23) Bromochloromethane	4.968	128	38726	46.643	ug/L	95
25) Chloroform	5.081	83	149416	46.171	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	116764	47.270	ug/L	99
29) Cyclohexane	5.380	56	80154	48.087	ug/L	99
30) 1,1,1-Trichloroethane	5.309	97	109939	46.774	ug/L	99
31) Carbon tetrachloride	5.518	117	85686	45.134	ug/L	99
33) Benzene	5.769	78	285475	48.488	ug/L	100
34) Trichloroethene	6.537	95	73769	47.209	ug/L	98
35) Methylcyclohexane	6.759	83	84708	46.251	ug/L	97
37) 1,2-Dichloropropane	6.785	63	90876	47.494	ug/L	98
38) Bromodichloromethane	7.100	83	116602	49.035	ug/L	96
39) cis-1,3-Dichloropropene	7.602	75	132966	50.450	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	290257	106.413	ug/L	99
42) Toluene	7.965	91	306581	48.580	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	129691	51.981	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	93025	49.244	ug/L	99
46) Tetrachloroethene	8.547	164	47014	45.125	ug/L	98
48) 2-Hexanone	8.679	43	235477	104.847	ug/L	98
49) Dibromochloromethane	8.804	129	88697	49.135	ug/L	97
50) 1,2-Dibromoethane	8.920	107	92831	51.428	ug/L	98
51) Chlorobenzene	9.441	112	201344	48.269	ug/L	98
52) Ethylbenzene	9.566	91	338348	49.541	ug/L	98
53) m,p-Xylene	9.688	106	123711	50.428	ug/L	99
54) o-Xylene	10.097	106	123217	50.183	ug/L	100
55) Styrene	10.110	104	226563	51.656	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	168551	49.513	ug/L	97
59) Bromoform	10.283	173	70890	50.249	ug/L	97
60) 1,2,3-Trichloropropane	10.817	75	133577	49.314	ug/L	99
61) Isopropylbenzene	10.479	105	332855	48.970	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	270297	50.477	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	279574	51.769	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	169918	48.152	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	175106	49.130	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	173314	48.288	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	37754	51.521	ug/L	98
69) 1,3,5-Trichlorobenzene	13.212	180	119690	48.155	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	110967	51.834	ug/L	97
71) Naphthalene	14.080	128	367862	58.912	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	118934	54.239	ug/L	99

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

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