

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037539.D
 Acq On : 26 Sep 2024 11:41
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV206

Quant Time: Sep 27 00:45:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 00:39:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	676386	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	656757	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	355991	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	301583	50.792	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 101.580%	
7) Chloroethane-d5	1.532	69	233526	50.669	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 101.340%	
11) 1,1-Dichloroethene-d2	2.060	65	126750	51.095	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 102.200%	
21) 2-Butanone-d5	3.789	46	202293	95.653	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 95.650%	
24) Chloroform-d	4.243	84	540714	51.186	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 102.380%	
26) 1,2-Dichloroethane-d4	4.934	65	314466	50.858	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 101.720%	
32) Benzene-d6	4.953	84	1060887	51.622	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 103.240%	
36) 1,2-Dichloropropane-d6	5.982	67	328422	50.186	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 100.380%	
41) Toluene-d8	7.236	98	981090	52.647	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 105.300%	
43) trans-1,3-Dichloroprop...	7.548	79	156755	51.564	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 103.120%	
47) 2-Hexanone-d5	8.021	63	147898	107.029	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 107.030%	
56) 1,1,2,2-Tetrachloroeth...	10.146	84	387895	51.013	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 102.020%	
66) 1,2-Dichlorobenzene-d4	11.554	152	375372	50.040	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 100.080%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.108	85	293784	51.021	ug/L 99
3) Chloromethane	1.217	50	279310	49.964	ug/L 100
5) Vinyl chloride	1.285	62	294963	49.217	ug/L 99
6) Bromomethane	1.487	94	165317	49.706	ug/L 100
8) Chloroethane	1.548	64	178798	48.403	ug/L 99
9) Trichlorofluoromethane	1.712	101	407287	50.487	ug/L 99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	240330	49.854	ug/L 99
12) 1,1-Dichloroethene	2.069	96	224693	49.898	ug/L 92
13) Acetone	2.111	43	151878	73.258	ug/L 98
14) Carbon disulfide	2.240	76	685413	48.763	ug/L 100
15) Methyl Acetate	2.371	43	184656	51.038	ug/L 99
16) Methylene chloride	2.442	84	245539	48.158	ug/L 98
17) trans-1,2-Dichloroethene	2.690	96	238042	49.969	ug/L 99
18) Methyl tert-butyl Ether	2.703	73	686134	50.202	ug/L 100
19) 1,1-Dichloroethane	3.105	63	452494	49.576	ug/L 100
20) cis-1,2-Dichloroethene	3.805	96	271073	50.849	ug/L 99
22) 2-Butanone	3.873	43	205054	89.360	ug/L 97
23) Bromochloromethane	4.137	128	136940	49.659	ug/L 97
25) Chloroform	4.269	83	469579	49.691	ug/L 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	336578	50.452	ug/L	99
29) Cyclohexane	4.574	56	378364	50.741	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	404294	49.982	ug/L	99
31) Carbon tetrachloride	4.725	117	352347	50.103	ug/L	99
33) Benzene	5.002	78	1000413	50.508	ug/L	100
34) Trichloroethene	5.825	95	265097	50.257	ug/L	98
35) Methylcyclohexane	6.043	83	409575	50.473	ug/L	99
37) 1,2-Dichloropropane	6.088	63	254069	49.674	ug/L	99
38) Bromodichloromethane	6.426	83	342559	50.101	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	417914	51.186	ug/L	97
40) 4-Methyl-2-pentanone	7.156	43	450605	108.202	ug/L	100
42) Toluene	7.307	91	1070952	52.156	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	372074	50.618	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	250144	50.934	ug/L	99
46) Tetrachloroethene	7.899	164	200622	49.745	ug/L	98
48) 2-Hexanone	8.072	43	313528	96.821	ug/L	98
49) Dibromochloromethane	8.172	129	262795	50.558	ug/L	97
50) 1,2-Dibromoethane	8.275	107	259329	51.082	ug/L	97
51) Chlorobenzene	8.809	112	689038	49.253	ug/L	99
52) Ethylbenzene	8.940	91	1190967	51.526	ug/L	99
53) m,p-Xylene	9.066	106	452930	52.652	ug/L	99
54) o-Xylene	9.471	106	433744	51.647	ug/L	98
55) Styrene	9.487	104	783726	53.606	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	348145	50.845	ug/L	100
59) Bromoform	9.657	173	172931	49.702	ug/L	99
60) Isopropylbenzene	9.860	105	1184191	51.165	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	250859	49.522	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	955312	52.208	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	960275	52.745	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	556980	49.997	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	574272	49.506	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	548301	49.788	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	60595	49.278	ug/L	97
69) 1,3,5-Trichlorobenzene	12.574	180	379325	49.515	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	348673	49.055	ug/L	100
71) Naphthalene	13.432	128	955447	51.451	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	348960	49.716	ug/L	99

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

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