

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041024\
 Data File : VX040963.D
 Acq On : 10 Apr 2024 18:23
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV673

Quant Time: Apr 11 05:42:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 05:36:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	299848	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	285657	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	168073	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	107665	50.482	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 100.960%	
7) Chloroethane-d5	1.666	69	88459	50.857	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 101.720%	
11) 1,1-Dichloroethene-d2	2.307	65	45832	50.335	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 100.660%	
21) 2-Butanone-d5	4.453	46	121978	104.996	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 105.000%	
24) Chloroform-d	5.056	84	203279	51.083	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 102.160%	
26) 1,2-Dichloroethane-d4	5.952	65	126449	48.850	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 97.700%	
32) Benzene-d6	5.971	84	393275	50.712	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 101.420%	
36) 1,2-Dichloropropane-d6	7.306	67	114644	50.688	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 101.380%	
41) Toluene-d8	8.647	98	385731	50.912	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 101.820%	
43) trans-1,3-Dichloroprop...	8.946	79	59106	51.929	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 103.860%	
47) 2-Hexanone-d5	9.385	63	100805	105.710	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 105.710%	
56) 1,1,2,2-Tetrachloroeth...	11.189	84	171240	51.110	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 102.220%	
66) 1,2-Dichlorobenzene-d4	12.317	152	170190	50.479	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 100.960%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	102713	52.021	ug/L	99
3) Chloromethane	1.301	50	99259	52.958	ug/L	100
5) Vinyl chloride	1.374	62	116566	51.754	ug/L	97
6) Bromomethane	1.605	94	77812	57.142	ug/L	97
8) Chloroethane	1.691	64	73795	52.656	ug/L	98
9) Trichlorofluoromethane	1.892	101	181921	51.266	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	105970	52.254	ug/L	100
12) 1,1-Dichloroethene	2.319	96	94369	52.393	ug/L	97
13) Acetone	2.380	43	106099	84.261	ug/L	99
14) Carbon disulfide	2.514	76	242631	53.604	ug/L	99
15) Methyl Acetate	2.703	43	112557	51.491	ug/L	100
16) Methylene chloride	2.788	84	97696	52.040	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	97884	52.500	ug/L	100
18) Methyl tert-butyl Ether	3.111	73	309151	52.827	ug/L	99
19) 1,1-Dichloroethane	3.611	63	172086	51.966	ug/L	100
20) cis-1,2-Dichloroethene	4.489	96	110372	51.960	ug/L	99
22) 2-Butanone	4.550	43	165419	100.361	ug/L	99
23) Bromochloromethane	4.904	128	62175	53.841	ug/L	97
25) Chloroform	5.093	83	189651	52.257	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	150860	51.718	ug/L	100
29) Cyclohexane	5.471	56	152222	53.192	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	167317	52.267	ug/L	99
31) Carbon tetrachloride	5.678	117	152189	52.169	ug/L	99
33) Benzene	6.038	78	387623	52.301	ug/L	100
34) Trichloroethene	7.123	95	110649	52.044	ug/L	98
35) Methylcyclohexane	7.379	83	159451	52.882	ug/L	99
37) 1,2-Dichloropropane	7.428	63	96163	50.127	ug/L	99
38) Bromodichloromethane	7.818	83	139318	51.803	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	164178	52.382	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	309790	106.628	ug/L	99
42) Toluene	8.720	91	432006	52.635	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	159354	54.404	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	109062	52.339	ug/L	98
46) Tetrachloroethene	9.275	164	103308	51.593	ug/L	99
48) 2-Hexanone	9.427	43	245045	104.990	ug/L	98
49) Dibromochloromethane	9.519	129	123940	52.736	ug/L	98
50) 1,2-Dibromoethane	9.610	107	118913	52.899	ug/L	100
51) Chlorobenzene	10.080	112	300031	52.162	ug/L	100
52) Ethylbenzene	10.195	91	492370	52.872	ug/L	100
53) m,p-Xylene	10.299	106	196217	52.844	ug/L	98
54) o-Xylene	10.640	106	189985	53.056	ug/L	98
55) Styrene	10.653	104	332989	54.089	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.214	83	170012	52.661	ug/L	99
59) Bromoform	10.799	173	108682	52.689	ug/L	100
60) Isopropylbenzene	10.964	105	518992	52.819	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	132393	51.587	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	421280	53.183	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	427839	53.658	ug/L	99
64) 1,3-Dichlorobenzene	11.970	146	267403	51.864	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	274580	51.878	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	260610	52.106	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.939	75	38341	52.239	ug/L	99
69) 1,3,5-Trichlorobenzene	13.110	180	206457	52.288	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	198519	53.055	ug/L	99
71) Naphthalene	13.774	128	557298	54.350	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	195236	53.202	ug/L	100

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

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