

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041023\
 Data File : VX034991.D
 Acq On : 10 Apr 2023 12:22
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV631

Quant Time: Apr 11 05:36:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 11 05:31:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	490897	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	427455	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	215690	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	150983	46.177	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.360%
7) Chloroethane-d5	1.672	69	111885	46.719	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.440%
11) 1,1-Dichloroethene-d2	2.313	63	309715	46.729	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.460%
21) 2-Butanone-d5	4.459	46	213179	98.098	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.100%
24) Chloroform-d	5.056	84	294565	47.275	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.560%
26) 1,2-Dichloroethane-d4	5.952	65	198008	46.294	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.580%
32) Benzene-d6	5.970	84	574077	48.110	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.220%
36) 1,2-Dichloropropane-d6	7.306	67	177304	48.301	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.600%
41) Toluene-d8	8.647	98	531581	48.637	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.280%
43) trans-1,3-Dichloroprop...	8.952	79	82366	48.861	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.720%
47) 2-Hexanone-d5	9.384	63	149799	102.101	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.100%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	221091	48.466	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.940%
66) 1,2-Dichlorobenzene-d4	12.317	152	191426	48.366	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.740%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	194196	45.550	ug/L	98
3) Chloromethane	1.294	50	177681	44.339	ug/L	99
5) Vinyl chloride	1.374	62	180954	44.554	ug/L	99
6) Bromomethane	1.618	94	104809	45.668	ug/L	100
8) Chloroethane	1.691	64	103862	45.443	ug/L	98
9) Trichlorofluoromethane	1.892	101	256471	45.387	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	164117	46.804	ug/L	99
12) 1,1-Dichloroethene	2.319	96	143529	45.993	ug/L	99
13) Acetone	2.392	43	205437	95.609	ug/L	100
14) Carbon disulfide	2.514	76	378065	45.061	ug/L	99
15) Methyl Acetate	2.703	43	168577	45.712	ug/L	99
16) Methylene chloride	2.788	84	156055	45.577	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	145124	45.219	ug/L	97
18) Methyl tert-butyl Ether	3.111	73	517983	46.173	ug/L	100
19) 1,1-Dichloroethane	3.611	63	289530	45.303	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	166561	45.366	ug/L	100
22) 2-Butanone	4.562	43	259815	94.659	ug/L	97
23) Bromochloromethane	4.897	128	82565	45.462	ug/L	98
25) Chloroform	5.093	83	297448	45.381	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	254204	45.795	ug/L	99
29) Cyclohexane	5.471	56	277608	47.230	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	259274	45.869	ug/L	99
31) Carbon tetrachloride	5.678	117	226851	46.560	ug/L	100
33) Benzene	6.037	78	630679	46.265	ug/L	100
34) Trichloroethene	7.123	95	167887	45.679	ug/L	98
35) Methylcyclohexane	7.379	83	255123	48.149	ug/L	98
37) 1,2-Dichloropropane	7.428	63	165036	45.689	ug/L	100
38) Bromodichloromethane	7.824	83	209141	45.761	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	263306	47.696	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	459781	95.792	ug/L	100
42) Toluene	8.720	91	658793	46.662	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	242712	47.756	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	158192	46.964	ug/L	100
46) Tetrachloroethene	9.275	164	127060	46.405	ug/L	97
48) 2-Hexanone	9.427	43	370810	98.560	ug/L	99
49) Dibromochloromethane	9.519	129	156322	47.182	ug/L	99
50) 1,2-Dibromoethane	9.610	107	164381	46.503	ug/L	99
51) Chlorobenzene	10.079	112	427179	46.942	ug/L	99
52) Ethylbenzene	10.195	91	751005	46.872	ug/L	98
53) m,p-Xylene	10.299	106	285890	47.357	ug/L	100
54) o-Xylene	10.640	106	280191	47.106	ug/L	99
55) Styrene	10.653	104	472202	47.350	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	235283	47.042	ug/L	99
59) Bromoform	10.799	173	102046	44.376	ug/L	100
60) Isopropylbenzene	10.963	105	742279	47.125	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	189179	45.743	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	614649	47.064	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	616214	47.785	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	321541	45.825	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	323630	45.616	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	316040	45.720	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	50643	47.835	ug/L	93
69) 1,3,5-Trichlorobenzene	13.109	180	203175	46.290	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	191084	46.803	ug/L	99
71) Naphthalene	13.774	128	677022	48.527	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	190632	46.500	ug/L	100

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

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