

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121923\
 Data File : VX039384.D
 Acq On : 20 Dec 2023 01:49
 Operator : JC/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050712

Quant Time: Dec 20 02:23:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 20 00:14:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	200853	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	188531	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	94166	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	78084	49.565	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.140%
7) Chloroethane-d5	1.666	69	57336	49.239	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.480%
11) 1,1-Dichloroethene-d2	2.306	65	37183	53.769	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.540%
21) 2-Butanone-d5	4.446	46	145289	101.883	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.880%
24) Chloroform-d	5.062	84	150327	53.904	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.800%
26) 1,2-Dichloroethane-d4	5.952	65	102250	56.614	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.220%
32) Benzene-d6	5.976	84	297051	51.053	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.100%
36) 1,2-Dichloropropane-d6	7.305	67	95837	51.182	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.360%
41) Toluene-d8	8.647	98	268272	50.878	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.760%
43) trans-1,3-Dichloroprop...	8.951	79	44894	47.114	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.220%
47) 2-Hexanone-d5	9.384	63	108590	97.096	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.100%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	136244	51.291	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.580%
66) 1,2-Dichlorobenzene-d4	12.317	152	89558	50.316	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	81316	50.766	ug/L	99
3) Chloromethane	1.294	50	84576	50.518	ug/L	99
5) Vinyl chloride	1.373	62	79579	48.228	ug/L	99
6) Bromomethane	1.605	94	48077	53.981	ug/L	99
8) Chloroethane	1.690	64	47134	50.527	ug/L	98
9) Trichlorofluoromethane	1.892	101	111501	52.140	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	71449	51.941	ug/L	98
12) 1,1-Dichloroethene	2.318	96	67235	51.962	ug/L	95
13) Acetone	2.373	43	106077	77.431	ug/L	95
14) Carbon disulfide	2.513	76	185828	45.132	ug/L	99
15) Methyl Acetate	2.702	43	106896	54.591	ug/L	98
16) Methylene chloride	2.788	84	78485	52.794	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	68403	50.174	ug/L	92
18) Methyl tert-butyl Ether	3.111	73	253741	53.470	ug/L	97
19) 1,1-Dichloroethane	3.611	63	143920	53.389	ug/L	97
20) cis-1,2-Dichloroethene	4.483	96	81680	51.654	ug/L	95
22) 2-Butanone	4.550	43	157266	93.540	ug/L	100
23) Bromochloromethane	4.897	128	38157	51.332	ug/L	97
25) Chloroform	5.092	83	146735	54.574	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	123319	58.111	ug/L #	95
29) Cyclohexane	5.470	56	127059	48.177	ug/L	96
30) 1,1,1-Trichloroethane	5.385	97	119486	52.235	ug/L	97
31) Carbon tetrachloride	5.678	117	95527	50.054	ug/L	98
33) Benzene	6.037	78	305767	51.035	ug/L	100
34) Trichloroethene	7.122	95	82409	52.047	ug/L	93
35) Methylcyclohexane	7.378	83	125220	47.485	ug/L	97
37) 1,2-Dichloropropane	7.427	63	86667	52.158	ug/L	99
38) Bromodichloromethane	7.823	83	104101	51.509	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	126456	47.716	ug/L	100
40) 4-Methyl-2-pentanone	8.567	43	296965	106.636	ug/L	98
42) Toluene	8.714	91	320372	50.425	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	122151	49.668	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	79430	52.162	ug/L	98
46) Tetrachloroethene	9.274	164	51801	49.594	ug/L	97
48) 2-Hexanone	9.427	43	236865	101.623	ug/L	97
49) Dibromochloromethane	9.518	129	73431	49.499	ug/L	100
50) 1,2-Dibromoethane	9.610	107	86046	52.744	ug/L	100
51) Chlorobenzene	10.079	112	199961	50.953	ug/L	96
52) Ethylbenzene	10.195	91	368264	51.848	ug/L	100
53) m,p-Xylene	10.299	106	134644	50.701	ug/L	97
54) o-Xylene	10.640	106	129904	50.978	ug/L	95
55) Styrene	10.652	104	224121	51.403	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.213	83	139161	52.365	ug/L	99
59) Bromoform	10.799	173	50058	45.232	ug/L	100
60) Isopropylbenzene	10.963	105	355314	51.638	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	111599	54.101	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	302555	52.083	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	298821	52.460	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	148344	50.370	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	153122	51.308	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	142128	50.450	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.938	75	34197	53.118	ug/L	87
69) 1,3,5-Trichlorobenzene	13.109	180	96729	49.664	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	90673	49.383	ug/L	99
71) Naphthalene	13.774	128	316582	50.275	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	88165	49.591	ug/L	99

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

