

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032825\
 Data File : VX045500.D
 Acq On : 28 Mar 2025 10:45
 Operator : JC/MD
 Sample : VSTD05069
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050669

Quant Time: Mar 28 13:11:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML032825WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 28 12:45:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	159375	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	142745	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	64162	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	60902	50.77	ug/L	0.00
7) Chloroethane-d5	1.642	69	38269	83.97	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	31597	61.62	ug/L	0.00
21) 2-Butanone-d5	4.465	46	84370	164.51	ug/L	0.01
24) Chloroform-d	5.056	84	134884	63.98	ug/L	0.01
26) 1,2-Dichloroethane-d4	5.946	65	91033	71.94	ug/L	0.00
32) Benzene-d6	5.971	84	240389	53.86	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	76258	53.98	ug/L	0.00
41) Toluene-d8	8.647	98	217186	54.98	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.946	79	32321	48.23	ug/L	0.00
47) 2-Hexanone-d5	9.385	63	59220	141.64	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	100375	57.18	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	70222	55.93	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	88071	77.27	ug/L	100
3) Chloromethane	1.307	50	77116	54.87	ug/L	99
5) Vinyl chloride	1.374	62	72708	56.34	ug/L	98
6) Bromomethane	1.593	94	31897	91.31	ug/L	96
8) Chloroethane	1.666	64	37304	72.39	ug/L	97
9) Trichlorofluoromethane	1.874	101	100052	69.53	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	63413	59.90	ug/L	96
12) 1,1-Dichloroethene	2.307	96	56465	57.16	ug/L #	70
13) Acetone	2.386	43	71334	139.48	ug/L	93
14) Carbon disulfide	2.502	76	149347	49.37	ug/L	100
15) Methyl Acetate	2.703	43	77435	65.43	ug/L	95
16) Methylene chloride	2.782	84	66038	58.45	ug/L	92
17) trans-1,2-Dichloroethene	3.087	96	56998	55.16	ug/L	95
18) Methyl tert-butyl Ether	3.117	73	199113	55.89	ug/L	96
19) 1,1-Dichloroethane	3.605	63	119536	59.16	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	66303	53.60	ug/L	96
22) 2-Butanone	4.562	43	111763	132.53	ug/L	91
23) Bromochloromethane	4.891	128	32847	53.85	ug/L	93
25) Chloroform	5.087	83	124741	60.85	ug/L	99
27) 1,2-Dichloroethane	6.080	62	108159	70.33	ug/L	95
29) Cyclohexane	5.458	56	115920	52.90	ug/L	95
30) 1,1,1-Trichloroethane	5.373	97	103438	57.27	ug/L	95
31) Carbon tetrachloride	5.672	117	88687	57.26	ug/L	99
33) Benzene	6.031	78	249806	53.10	ug/L	100
34) Trichloroethene	7.123	95	65962	55.10	ug/L	99
35) Methylcyclohexane	7.379	83	104871	51.21	ug/L	95
37) 1,2-Dichloropropane	7.428	63	66878	52.56	ug/L	100
38) Bromodichloromethane	7.818	83	91649	57.39	ug/L	97
39) cis-1,3-Dichloropropene	8.360	75	101656	49.21	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	214915	127.77	ug/L	93
42) Toluene	8.714	91	259208	53.71	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	93062	50.32	ug/L	98

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45) 1,1,2-Trichloroethane	9.147	97	64560	54.36	ug/L	98
46) Tetrachloroethene	9.269	164	45672	53.72	ug/L	98
48) 2-Hexanone	9.427	43	162672	134.96	ug/L	94
49) Dibromochloromethane	9.519	129	65039	54.30	ug/L	97
50) 1,2-Dibromoethane	9.610	107	67138	53.93	ug/L #	97
51) Chlorobenzene	10.080	112	160353	53.22	ug/L	99
52) Ethylbenzene	10.189	91	292903	55.52	ug/L	97
53) m,p-Xylene	10.299	106	106961	54.00	ug/L	100
54) o-Xylene	10.640	106	104500	53.53	ug/L	90
55) Styrene	10.653	104	176737	54.85	ug/L	93
57) 1,1,2,2-Tetrachloroethane	11.207	83	100678	54.63	ug/L	99
59) Bromoform	10.799	173	42531	50.11	ug/L	99
60) Isopropylbenzene	10.957	105	282225	54.77	ug/L	97
61) 1,2,3-Trichloropropane	11.238	75	81964	57.86	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	235629	55.74	ug/L	97
63) 1,2,4-Trimethylbenzene	11.750	105	231908	55.39	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	111895	52.82	ug/L	99
65) 1,4-Dichlorobenzene	12.037	146	111586	52.92	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	112326	53.48	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	21987	56.96	ug/L	85
69) 1,3,5-Trichlorobenzene	13.109	180	71783	51.71	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	62073	49.60	ug/L	99
71) Naphthalene	13.774	128	244768	50.43	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	64858	51.11	ug/L	100

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

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