

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012825\
 Data File : VX044754.D
 Acq On : 28 Jan 2025 19:03
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050819

Quant Time: Jan 29 07:43:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML012825WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 28 12:04:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.756	114	287967	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	250296	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	107527	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	108151	49.893	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.780%
7) Chloroethane-d5	1.642	69	29952	36.372	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.740%
11) 1,1-Dichloroethene-d2	2.294	65	48231	52.054	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.100%
21) 2-Butanone-d5	4.458	46	115446	124.580	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	124.580%
24) Chloroform-d	5.049	84	199907	52.483	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.960%
26) 1,2-Dichloroethane-d4	5.952	65	120597	52.747	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.500%
32) Benzene-d6	5.964	84	408566	52.205	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.400%
36) 1,2-Dichloropropane-d6	7.305	67	129783	52.392	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.780%
41) Toluene-d8	8.646	98	364959	52.689	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.380%
43) trans-1,3-Dichloroprop...	8.945	79	60716	51.672	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.340%
47) 2-Hexanone-d5	9.384	63	78893	107.612	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.610%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	163472	53.105	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.220%
66) 1,2-Dichlorobenzene-d4	12.316	152	113014	53.715	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	110889	53.843	ug/L	100
3) Chloromethane	1.300	50	122287	48.158	ug/L	100
5) Vinyl chloride	1.373	62	120934	51.859	ug/L	97
6) Bromomethane	1.593	94	31483	49.880	ug/L	98
8) Chloroethane	1.660	64	33703	36.197	ug/L	99
9) Trichlorofluoromethane	1.867	101	148186	56.994	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.318	101	100272	52.425	ug/L	97
12) 1,1-Dichloroethene	2.306	96	95979	53.776	ug/L	92
13) Acetone	2.385	43	97508	105.520	ug/L	99
14) Carbon disulfide	2.501	76	281111	51.433	ug/L	99
15) Methyl Acetate	2.702	43	119959	56.099	ug/L	99
16) Methylene chloride	2.782	84	111030	54.390	ug/L	99
17) trans-1,2-Dichloroethene	3.086	96	99227	53.147	ug/L	98
18) Methyl tert-butyl Ether	3.117	73	347634	54.006	ug/L	98
19) 1,1-Dichloroethane	3.605	63	196914	53.940	ug/L	98
20) cis-1,2-Dichloroethene	4.482	96	120570	53.949	ug/L	99
22) 2-Butanone	4.562	43	162176	106.432	ug/L	100
23) Bromochloromethane	4.891	128	57149	51.849	ug/L	95
25) Chloroform	5.086	83	195186	52.698	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	149436	53.778	ug/L	98
29) Cyclohexane	5.464	56	197383	51.372	ug/L	98
30) 1,1,1-Trichloroethane	5.379	97	165487	52.258	ug/L	99
31) Carbon tetrachloride	5.671	117	141157	51.978	ug/L	99
33) Benzene	6.031	78	437588	53.049	ug/L	100
34) Trichloroethene	7.122	95	110813	52.791	ug/L	96
35) Methylcyclohexane	7.372	83	182547	50.833	ug/L	100
37) 1,2-Dichloropropane	7.427	63	118524	53.122	ug/L	100
38) Bromodichloromethane	7.817	83	148213	52.929	ug/L	98
39) cis-1,3-Dichloropropene	8.360	75	190240	52.519	ug/L	100
40) 4-Methyl-2-pentanone	8.573	43	315856	107.089	ug/L	99
42) Toluene	8.713	91	456842	53.982	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	171380	52.851	ug/L	98
45) 1,1,2-Trichloroethane	9.146	97	110305	52.966	ug/L	98
46) Tetrachloroethene	9.268	164	78636	52.754	ug/L	100
48) 2-Hexanone	9.427	43	236053	111.691	ug/L	99
49) Dibromochloromethane	9.518	129	111588	53.129	ug/L	100
50) 1,2-Dibromoethane	9.604	107	116553	53.398	ug/L	97
51) Chlorobenzene	10.079	112	276226	52.284	ug/L	97
52) Ethylbenzene	10.189	91	490741	53.050	ug/L	99
53) m,p-Xylene	10.299	106	186325	53.652	ug/L	97
54) o-Xylene	10.640	106	184121	53.787	ug/L	96
55) Styrene	10.652	104	300225	53.140	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	172538	53.397	ug/L	99
59) Bromoform	10.798	173	75822	53.306	ug/L	100
60) Isopropylbenzene	10.963	105	467864	54.178	ug/L	99
61) 1,2,3-Trichloropropane	11.237	75	129484	54.544	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	380288	53.680	ug/L	99
63) 1,2,4-Trimethylbenzene	11.749	105	376991	53.727	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	188571	53.118	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	186775	52.856	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	189932	53.963	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.938	75	34838	53.858	ug/L	94
69) 1,3,5-Trichlorobenzene	13.109	180	121658	52.298	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	112561	53.672	ug/L	98
71) Naphthalene	13.774	128	458371	56.356	ug/L	100
72) 1,2,3-Trichlorobenzene	13.956	180	114650	53.913	ug/L	99

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

