

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032825\
 Data File : VX045499.D
 Acq On : 28 Mar 2025 10:22
 Operator : JC/MD
 Sample : VSTD01068
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010668

Quant Time: Mar 28 13:14:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML032825WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 28 13:12:20 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	159095	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	141371	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	61336	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	11752	9.81	ug/L	0.00
7) Chloroethane-d5	1.648	69	8336	18.32	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	5946	11.62	ug/L	0.00
21) 2-Butanone-d5	4.471	46	17085	33.37	ug/L	0.00
24) Chloroform-d	5.050	84	25443	12.09	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	18200	14.41	ug/L	0.00
32) Benzene-d6	5.970	84	44637	10.10	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	14423	10.31	ug/L	0.00
41) Toluene-d8	8.647	98	40516	10.36	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	5020	7.56	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	10794	26.07	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	19944	11.47	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	13302	11.08	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	16609	14.60	ug/L	99
3) Chloromethane	1.307	50	15067	10.74	ug/L	92
5) Vinyl chloride	1.374	62	13490	10.47	ug/L	97
6) Bromomethane	1.593	94	6236	17.88	ug/L	98
8) Chloroethane	1.666	64	7388	14.36	ug/L	100
9) Trichlorofluoromethane	1.874	101	19208	13.37	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	12067	11.42	ug/L	99
12) 1,1-Dichloroethene	2.313	96	10745	10.90	ug/L	97
13) Acetone	2.380	43	14158	27.73	ug/L	91
14) Carbon disulfide	2.502	76	24847	8.23	ug/L	98
15) Methyl Acetate	2.703	43	14488	12.26	ug/L	93
16) Methylene chloride	2.782	84	12383	10.98	ug/L	90
17) trans-1,2-Dichloroethene	3.087	96	10174	9.86	ug/L	89
18) Methyl tert-butyl Ether	3.117	73	36142	10.16	ug/L	# 94
19) 1,1-Dichloroethane	3.605	63	22205	11.01	ug/L	97
20) cis-1,2-Dichloroethene	4.483	96	11849	9.60	ug/L	91
22) 2-Butanone	4.568	43	19084	22.67	ug/L	92
23) Bromochloromethane	4.904	128	5999	9.85	ug/L	92
25) Chloroform	5.086	83	23695	11.58	ug/L	99
27) 1,2-Dichloroethane	6.086	62	19713	12.84	ug/L	96
29) Cyclohexane	5.464	56	20643	9.51	ug/L	93
30) 1,1,1-Trichloroethane	5.373	97	18624	10.41	ug/L	92
31) Carbon tetrachloride	5.672	117	16308	10.63	ug/L	98
33) Benzene	6.031	78	46495	9.98	ug/L	100
34) Trichloroethene	7.123	95	12291	10.37	ug/L	97
35) Methylcyclohexane	7.379	83	18759	9.25	ug/L	95
37) 1,2-Dichloropropane	7.427	63	12224	9.70	ug/L	98
38) Bromodichloromethane	7.818	83	16866	10.66	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	15424	7.54	ug/L	96
40) 4-Methyl-2-pentanone	8.574	43	36036	21.63	ug/L	94
42) Toluene	8.714	91	46794	9.79	ug/L	95
44) trans-1,3-Dichloropropene	8.976	75	14212	7.76	ug/L	97

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45) 1,1,2-Trichloroethane	9.153	97	12189	10.36	ug/L	97
46) Tetrachloroethene	9.275	164	8363	9.93	ug/L	93
48) 2-Hexanone	9.433	43	26801	22.45	ug/L	94
49) Dibromochloromethane	9.519	129	10826	9.13	ug/L	90
50) 1,2-Dibromoethane	9.610	107	12292	9.97	ug/L	100
51) Chlorobenzene	10.079	112	29108	9.75	ug/L	93
52) Ethylbenzene	10.195	91	50724	9.71	ug/L	98
53) m,p-Xylene	10.299	106	18285	9.32	ug/L	96
54) o-Xylene	10.640	106	18828	9.74	ug/L	98
55) Styrene	10.653	104	29836	9.35	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.207	83	19621	10.75	ug/L	99
59) Bromoform	10.799	173	7271	8.96	ug/L	97
60) Isopropylbenzene	10.957	105	48494	9.84	ug/L	97
61) 1,2,3-Trichloropropane	11.238	75	15953	11.78	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	39017	9.66	ug/L	97
63) 1,2,4-Trimethylbenzene	11.750	105	38174	9.54	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	20393	10.07	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	20170	10.01	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	20529	10.23	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	3711	10.06	ug/L	85
69) 1,3,5-Trichlorobenzene	13.109	180	12275	9.25	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	9908	8.28	ug/L	99
71) Naphthalene	13.774	128	37430	8.07	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	10748	8.86	ug/L	96

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

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