

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102524\
 Data File : VX043509.D
 Acq On : 25 Oct 2024 09:25
 Operator : JC/MD
 Sample : VSTD01025
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010625

Quant Time: Oct 25 23:54:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML102524WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 25 23:53:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	311072	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	278303	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	129276	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	16248	9.602	ug/L	0.00
7) Chloroethane-d5	1.672	69	13409	9.895	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	65	7613	9.527	ug/L	0.00
21) 2-Butanone-d5	4.458	46	28215	20.017	ug/L	0.00
24) Chloroform-d	5.056	84	38703	9.889	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.946	65	26759	10.176	ug/L	0.00
32) Benzene-d6	5.976	84	69931	9.899	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.311	67	21078	9.585	ug/L	0.00
41) Toluene-d8	8.647	98	64126	9.914	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.951	79	10941	9.457	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	20628	18.912	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	32542	9.940	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	23581	10.050	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	23796	9.849	ug/L	100
3) Chloromethane	1.294	50	22066	9.930	ug/L	100
5) Vinyl chloride	1.373	62	21371	9.728	ug/L	93
6) Bromomethane	1.611	94	14117	10.887	ug/L	95
8) Chloroethane	1.690	64	13420	10.302	ug/L	98
9) Trichlorofluoromethane	1.892	101	32779	10.002	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	20078	10.230	ug/L	99
12) 1,1-Dichloroethene	2.325	96	16829	9.787	ug/L	85
13) Acetone	2.379	43	27034	21.065	ug/L	99
14) Carbon disulfide	2.513	76	40103	9.483	ug/L	95
15) Methyl Acetate	2.702	43	22621	9.469	ug/L	98
16) Methylene chloride	2.788	84	19902	9.993	ug/L	91
17) trans-1,2-Dichloroethene	3.093	96	17577	9.721	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	66313	9.872	ug/L	98
19) 1,1-Dichloroethane	3.605	63	35634	9.996	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	21021	9.744	ug/L	98
22) 2-Butanone	4.556	43	32652	19.325	ug/L	99
23) Bromochloromethane	4.903	128	11138	9.855	ug/L #	90
25) Chloroform	5.092	83	39293	10.180	ug/L	99
27) 1,2-Dichloroethane	6.092	62	32120	10.261	ug/L #	93
29) Cyclohexane	5.470	56	31562	9.903	ug/L #	96
30) 1,1,1-Trichloroethane	5.379	97	33443	9.743	ug/L	98
31) Carbon tetrachloride	5.678	117	28627	9.715	ug/L	98
33) Benzene	6.037	78	75533	9.948	ug/L	100
34) Trichloroethene	7.122	95	20068	9.623	ug/L	94
35) Methylcyclohexane	7.378	83	31924	9.949	ug/L	98
37) 1,2-Dichloropropane	7.427	63	20544	10.156	ug/L	99
38) Bromodichloromethane	7.817	83	26557	9.536	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	32736	9.789	ug/L	99
40) 4-Methyl-2-pentanone	8.573	43	60922	19.329	ug/L	99
42) Toluene	8.720	91	80552	10.022	ug/L	95
44) trans-1,3-Dichloropropene	8.982	75	29281	9.351	ug/L	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	20716	9.946	ug/L	97
46) Tetrachloroethene	9.274	164	14450	9.667	ug/L	96
48) 2-Hexanone	9.427	43	48331	20.074	ug/L	97
49) Dibromochloromethane	9.518	129	19270	9.347	ug/L	98
50) 1,2-Dibromoethane	9.610	107	22376	10.055	ug/L	95
51) Chlorobenzene	10.079	112	53541	10.089	ug/L	96
52) Ethylbenzene	10.195	91	88683	9.835	ug/L	96
53) m,p-Xylene	10.299	106	33095	9.816	ug/L	99
54) o-Xylene	10.640	106	33422	9.898	ug/L	96
55) Styrene	10.652	104	54710	9.644	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	33070	10.062	ug/L	98
59) Bromoform	10.799	173	12668	9.085	ug/L	97
60) Isopropylbenzene	10.963	105	89858	10.117	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	25932	10.095	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	72172	9.906	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	72363	9.920	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	38679	10.032	ug/L	96
65) 1,4-Dichlorobenzene	12.036	146	39724	10.119	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	38865	10.139	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	6535	8.972	ug/L	85
69) 1,3,5-Trichlorobenzene	13.109	180	25526	9.854	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	23578	9.718	ug/L	99
71) Naphthalene	13.774	128	88526	9.664	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	24166	9.955	ug/L	98

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

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