

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041023\
 Data File : VX034985.D
 Acq On : 10 Apr 2023 10:03
 Operator : JC/MD
 Sample : VSTD00526
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005626

Quant Time: Apr 11 05:15:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 11 05:14:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	532697	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	463934	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	218164	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	17391	4.902	ug/L	0.00
7) Chloroethane-d5	1.672	69	13654	5.254	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.313	63	35108	4.881	ug/L	0.00
21) 2-Butanone-d5	4.465	46	21132	8.961	ug/L	0.00
24) Chloroform-d	5.062	84	32924	4.869	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.964	65	24270	5.229	ug/L	0.01
32) Benzene-d6	5.970	84	64060	4.946	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	19148	4.806	ug/L	0.00
41) Toluene-d8	8.647	98	58804	4.951	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	7694	4.205	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	13536	8.500	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	23629	4.772	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	19417	4.850	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	23123	4.998	ug/L	99
3) Chloromethane	1.294	50	22065	5.074	ug/L	96
5) Vinyl chloride	1.374	62	22023	4.997	ug/L	100
6) Bromomethane	1.618	94	12933	5.193	ug/L	99
8) Chloroethane	1.691	64	12678	5.112	ug/L	98
9) Trichlorofluoromethane	1.892	101	30646	4.998	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	19381	5.093	ug/L	98
12) 1,1-Dichloroethene	2.325	96	16614	4.904	ug/L	85
13) Acetone	2.392	43	25994	11.149	ug/L	100
14) Carbon disulfide	2.514	76	44682	4.908	ug/L	100
15) Methyl Acetate	2.703	43	19881	4.968	ug/L	100
16) Methylene chloride	2.794	84	18395	4.951	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	17106	4.912	ug/L	95
18) Methyl tert-butyl Ether	3.111	73	59161	4.860	ug/L	100
19) 1,1-Dichloroethane	3.611	63	34068	4.912	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	19619	4.924	ug/L	97
22) 2-Butanone	4.568	43	29979	10.065	ug/L	92
23) Bromochloromethane	4.910	128	9618	4.880	ug/L	83
25) Chloroform	5.093	83	35005	4.922	ug/L	97
27) 1,2-Dichloroethane	6.092	62	29760	4.941	ug/L	96
29) Cyclohexane	5.477	56	30870	4.839	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	29716	4.844	ug/L	98
31) Carbon tetrachloride	5.672	117	24840	4.697	ug/L	99
33) Benzene	6.037	78	74261	5.019	ug/L	100
34) Trichloroethene	7.129	95	20135	5.048	ug/L	96
35) Methylcyclohexane	7.379	83	27762	4.828	ug/L	98
37) 1,2-Dichloropropane	7.434	63	19368	4.940	ug/L	# 96
38) Bromodichloromethane	7.824	83	23485	4.735	ug/L	92
39) cis-1,3-Dichloropropene	8.366	75	25892	4.321	ug/L	91
40) 4-Methyl-2-pentanone	8.574	43	48047	9.223	ug/L	99
42) Toluene	8.720	91	73339	4.786	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	22806	4.134	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	17632	4.823	ug/L	98
46) Tetrachloroethene	9.275	164	14841	4.994	ug/L	90
48) 2-Hexanone	9.433	43	38420	9.409	ug/L	99
49) Dibromochloromethane	9.519	129	15705	4.367	ug/L	94
50) 1,2-Dibromoethane	9.610	107	18195	4.743	ug/L	92
51) Chlorobenzene	10.079	112	48346	4.895	ug/L	93
52) Ethylbenzene	10.195	91	83612	4.808	ug/L	100
53) m,p-Xylene	10.299	106	30388	4.638	ug/L	100
54) o-Xylene	10.640	106	30674	4.751	ug/L	97
55) Styrene	10.659	104	49358	4.560	ug/L	91
57) 1,1,2,2-Tetrachloroethane	11.213	83	25815	4.756	ug/L	98
59) Bromoform	10.799	173	10521	4.523	ug/L	97
60) Isopropylbenzene	10.963	105	77838	4.886	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	21481	5.135	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	63467	4.805	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	61419	4.709	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	35761	5.039	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	36025	5.020	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	35297	5.048	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	4708	4.397	ug/L	98
69) 1,3,5-Trichlorobenzene	13.115	180	22455	5.058	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	20546	4.975	ug/L	100
71) Naphthalene	13.774	128	67424	4.778	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	21409	5.163	ug/L	98

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

