

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050924\
 Data File : VX041424.D
 Acq On : 09 May 2024 09:50
 Operator : JC/MD
 Sample : VSTD00580
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005680

Quant Time: May 09 22:39:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML050924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 09 22:38:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.751	114	292416	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	270149	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	142009	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	8091	4.879	ug/L	0.00
7) Chloroethane-d5	1.648	69	5982	4.916	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	4280	5.128	ug/L	0.00
21) 2-Butanone-d5	4.471	46	13440	10.870	ug/L	0.00
24) Chloroform-d	5.056	84	18849	5.140	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	17259	6.542	ug/L	0.00
32) Benzene-d6	5.964	84	36579	4.956	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.305	67	10627	4.846	ug/L	0.00
41) Toluene-d8	8.647	98	41634	5.462	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.958	79	4333	3.944	ug/L	0.00
47) 2-Hexanone-d5	9.390	63	8712	8.526	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	15484	4.487	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	14702	5.067	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	9865	4.900	ug/L	99
3) Chloromethane	1.294	50	8052	4.689	ug/L	98
5) Vinyl chloride	1.374	62	8340	4.716	ug/L	96
6) Bromomethane	1.599	94	5674	4.603	ug/L	97
8) Chloroethane	1.666	64	5075	5.012	ug/L	100
9) Trichlorofluoromethane	1.867	101	15123	4.858	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.318	101	9714	5.079	ug/L	99
12) 1,1-Dichloroethene	2.306	96	8274	4.859	ug/L	98
13) Acetone	2.386	43	14624	11.520	ug/L	98
14) Carbon disulfide	2.501	76	19025	4.646	ug/L	96
15) Methyl Acetate	2.703	43	10931	5.102	ug/L	97
16) Methylene chloride	2.788	84	10103	5.358	ug/L	94
17) trans-1,2-Dichloroethene	3.087	96	8709	4.988	ug/L	94
18) Methyl tert-butyl Ether	3.117	73	29895	5.019	ug/L	100
19) 1,1-Dichloroethane	3.605	63	16417	5.078	ug/L	97
20) cis-1,2-Dichloroethene	4.483	96	9923	4.923	ug/L	94
22) 2-Butanone	4.562	43	15967	10.073	ug/L	76
23) Bromochloromethane	4.891	128	5241	4.886	ug/L	94
25) Chloroform	5.086	83	17284	4.951	ug/L	98
27) 1,2-Dichloroethane	6.086	62	13944	4.793	ug/L	97
29) Cyclohexane	5.452	56	14549	4.843	ug/L	99
30) 1,1,1-Trichloroethane	5.373	97	14969	4.708	ug/L	97
31) Carbon tetrachloride	5.665	117	12881	4.563	ug/L	98
33) Benzene	6.031	78	36482	4.826	ug/L	100
34) Trichloroethene	7.123	95	9688	4.679	ug/L	98
35) Methylcyclohexane	7.372	83	15255	4.755	ug/L	97
37) 1,2-Dichloropropane	7.427	63	8391	4.408	ug/L	100
38) Bromodichloromethane	7.818	83	11394	4.429	ug/L	89
39) cis-1,3-Dichloropropene	8.366	75	12142	3.852	ug/L	97
40) 4-Methyl-2-pentanone	8.573	43	26543	8.665	ug/L	97
42) Toluene	8.714	91	37246	4.515	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	11036	3.754	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	9742	4.628	ug/L	97
46) Tetrachloroethene	9.268	164	9359	4.723	ug/L	95
48) 2-Hexanone	9.433	43	22651	9.230	ug/L	98
49) Dibromochloromethane	9.518	129	9067	4.261	ug/L	98
50) 1,2-Dibromoethane	9.610	107	10307	4.707	ug/L	94
51) Chlorobenzene	10.079	112	26532	4.823	ug/L	97
52) Ethylbenzene	10.195	91	41779	4.616	ug/L	99
53) m,p-Xylene	10.299	106	16554	4.573	ug/L	96
54) o-Xylene	10.640	106	15952	4.324	ug/L	93
55) Styrene	10.652	104	25212	4.092	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	15503	4.439	ug/L	98
59) Bromoform	10.799	173	6489	3.905	ug/L #	92
60) Isopropylbenzene	10.963	105	41679	4.810	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	12347	5.086	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	27367	4.675	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	32817	4.627	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	21879	4.963	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	23009	5.128	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	23187	5.080	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	2799	4.285	ug/L	92
69) 1,3,5-Trichlorobenzene	13.115	180	16088	4.890	ug/L	100
70) 1,2,4-trichlorobenzene	13.591	180	14328	4.769	ug/L	99
71) Naphthalene	13.774	128	37960	4.233	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	14690	4.689	ug/L	99

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

