

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050924\
 Data File : VX041426.D
 Acq On : 09 May 2024 10:36
 Operator : JC/MD
 Sample : VSTD05002
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050602

Quant Time: May 09 22:40:27 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	6.757	114	287771	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	268075	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	148283	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	82610	50.616	ug/L	0.00
7) Chloroethane-d5	1.648	69	59658	49.821	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	44585	54.277	ug/L	0.00
21) 2-Butanone-d5	4.464	46	132565	108.947	ug/L	0.00
24) Chloroform-d	5.056	84	189601	52.534	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	127114	48.960	ug/L	0.00
32) Benzene-d6	5.970	84	369915	50.511	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.305	67	107552	49.425	ug/L	0.00
41) Toluene-d8	8.647	98	356261	47.099	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.951	79	53258	48.852	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	103588	102.158	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	167260	48.842	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	157672	52.039	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	99691	50.316	ug/L	100
3) Chloromethane	1.300	50	85136	50.383	ug/L	100
5) Vinyl chloride	1.374	62	85630	49.199	ug/L	100
6) Bromomethane	1.599	94	59088	48.707	ug/L	100
8) Chloroethane	1.666	64	48918	49.086	ug/L	100
9) Trichlorofluoromethane	1.867	101	153054	49.957	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	98677	52.424	ug/L	100
12) 1,1-Dichloroethene	2.306	96	89075	53.156	ug/L	100
13) Acetone	2.392	43	124205	99.423	ug/L	100
14) Carbon disulfide	2.501	76	212105	52.630	ug/L	100
15) Methyl Acetate	2.709	43	110880	52.590	ug/L	100
16) Methylene chloride	2.788	84	96319	51.907	ug/L	100
17) trans-1,2-Dichloroethene	3.087	96	91240	53.102	ug/L	100
18) Methyl tert-butyl Ether	3.117	73	310559	52.976	ug/L	100
19) 1,1-Dichloroethane	3.605	63	167293	52.581	ug/L	100
20) cis-1,2-Dichloroethene	4.483	96	104172	52.521	ug/L	100
22) 2-Butanone	4.568	43	162777	104.352	ug/L	100
23) Bromochloromethane	4.897	128	55638	52.711	ug/L	100
25) Chloroform	5.092	83	181014	52.688	ug/L	100
27) 1,2-Dichloroethane	6.086	62	148631	51.918	ug/L	100
29) Cyclohexane	5.464	56	150578	50.516	ug/L	100
30) 1,1,1-Trichloroethane	5.379	97	157973	50.065	ug/L	100
31) Carbon tetrachloride	5.672	117	141360	50.465	ug/L	100
33) Benzene	6.031	78	372800	49.701	ug/L	100
34) Trichloroethene	7.123	95	101012	49.163	ug/L	100
35) Methylcyclohexane	7.379	83	158327	49.730	ug/L	100
37) 1,2-Dichloropropane	7.427	63	95284	50.446	ug/L	100
38) Bromodichloromethane	7.818	83	126107	49.393	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	154619	49.430	ug/L	100
40) 4-Methyl-2-pentanone	8.573	43	295484	97.205	ug/L	100
42) Toluene	8.714	91	402775	49.207	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	143825	49.307	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	101954	48.813	ug/L	100
46) Tetrachloroethene	9.268	164	94105	47.859	ug/L	100
48) 2-Hexanone	9.433	43	249927	102.626	ug/L	100
49) Dibromochloromethane	9.518	129	107874	51.092	ug/L	100
50) 1,2-Dibromoethane	9.610	107	109813	50.532	ug/L	100
51) Chlorobenzene	10.079	112	278290	50.983	ug/L	100
52) Ethylbenzene	10.195	91	455126	50.677	ug/L	100
53) m,p-Xylene	10.299	106	169497	47.181	ug/L	100
54) o-Xylene	10.640	106	169180	46.214	ug/L	100
55) Styrene	10.652	104	287750	47.067	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	167319	48.280	ug/L	100
59) Bromoform	10.799	173	91998	53.017	ug/L	100
60) Isopropylbenzene	10.963	105	473834	52.373	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	129601	51.128	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	321085	52.529	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	386126	52.138	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	229577	49.878	ug/L	100
65) 1,4-Dichlorobenzene	12.042	146	238436	50.891	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	244809	51.363	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.945	75	34504	50.592	ug/L	100
69) 1,3,5-Trichlorobenzene	13.109	180	154206	44.888	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	148216	47.247	ug/L	100
71) Naphthalene	13.774	128	493240	52.677	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	173860	53.152	ug/L	100

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

