

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102524\
 Data File : VX043510.D
 Acq On : 25 Oct 2024 09:48
 Operator : JC/MD
 Sample : VSTD05026
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050626

Quant Time: Oct 25 23:54:59 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	304902	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	273492	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	127431	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	81824	49.332	ug/L	0.00
7) Chloroethane-d5	1.666	69	66122	49.780	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	65	38760	49.486	ug/L	0.00
21) 2-Butanone-d5	4.452	46	143970	104.204	ug/L	0.00
24) Chloroform-d	5.056	84	193050	50.324	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	127333	49.401	ug/L	0.00
32) Benzene-d6	5.970	84	344730	49.655	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.305	67	109162	50.511	ug/L	0.00
41) Toluene-d8	8.647	98	313575	49.334	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.945	79	56499	49.692	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	111927	104.423	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	160263	49.813	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	114240	49.391	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	115494	48.771	ug/L	100
3) Chloromethane	1.300	50	104935	48.177	ug/L	100
5) Vinyl chloride	1.374	62	105281	48.895	ug/L	100
6) Bromomethane	1.605	94	67862	53.395	ug/L	100
8) Chloroethane	1.691	64	62799	49.186	ug/L	100
9) Trichlorofluoromethane	1.886	101	156757	48.799	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	93134	48.415	ug/L	100
12) 1,1-Dichloroethene	2.318	96	84293	50.014	ug/L	100
13) Acetone	2.379	43	118255	94.011	ug/L	100
14) Carbon disulfide	2.514	76	203694	49.141	ug/L	100
15) Methyl Acetate	2.703	43	115576	49.358	ug/L	100
16) Methylene chloride	2.788	84	95471	48.905	ug/L	100
17) trans-1,2-Dichloroethene	3.093	96	86160	48.614	ug/L	100
18) Methyl tert-butyl Ether	3.111	73	326688	49.618	ug/L	100
19) 1,1-Dichloroethane	3.611	63	171466	49.072	ug/L	100
20) cis-1,2-Dichloroethene	4.489	96	104856	49.587	ug/L	100
22) 2-Butanone	4.556	43	163772	98.889	ug/L	100
23) Bromochloromethane	4.897	128	53583	48.368	ug/L	100
25) Chloroform	5.092	83	185442	49.018	ug/L	100
27) 1,2-Dichloroethane	6.086	62	150367	49.007	ug/L	100
29) Cyclohexane	5.464	56	153454	48.997	ug/L	100
30) 1,1,1-Trichloroethane	5.379	97	165180	48.967	ug/L	100
31) Carbon tetrachloride	5.678	117	140138	48.396	ug/L	100
33) Benzene	6.037	78	364789	48.889	ug/L	100
34) Trichloroethene	7.122	95	100142	48.865	ug/L	100
35) Methylcyclohexane	7.379	83	154064	48.856	ug/L	100
37) 1,2-Dichloropropane	7.427	63	98638	49.617	ug/L	100
38) Bromodichloromethane	7.817	83	136081	49.721	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	163888	49.872	ug/L	100
40) 4-Methyl-2-pentanone	8.567	43	309324	99.865	ug/L	100
42) Toluene	8.714	91	388191	49.148	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	156077	50.719	ug/L	100

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45) 1,1,2-Trichloroethane	9.147	97	100611	49.155	ug/L	100
46) Tetrachloroethene	9.268	164	71780	48.865	ug/L	100
48) 2-Hexanone	9.427	43	233464	98.673	ug/L	100
49) Dibromochloromethane	9.518	129	102004	50.350	ug/L	100
50) 1,2-Dibromoethane	9.610	107	106924	48.895	ug/L	100
51) Chlorobenzene	10.079	112	252883	48.492	ug/L	100
52) Ethylbenzene	10.189	91	431977	48.751	ug/L	100
53) m,p-Xylene	10.299	106	162970	49.189	ug/L	100
54) o-Xylene	10.640	106	162787	49.059	ug/L	100
55) Styrene	10.652	104	277241	49.729	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.207	83	157585	48.790	ug/L	100
59) Bromoform	10.799	173	69614	50.648	ug/L	100
60) Isopropylbenzene	10.957	105	434078	49.578	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	126152	49.819	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	360209	50.154	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	356509	49.581	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	185833	48.898	ug/L	100
65) 1,4-Dichlorobenzene	12.042	146	187206	48.379	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	184140	48.733	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.939	75	36257	50.498	ug/L	100
69) 1,3,5-Trichlorobenzene	13.109	180	127584	49.966	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	117372	49.076	ug/L	100
71) Naphthalene	13.774	128	449902	49.824	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	115036	48.073	ug/L	100

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

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