

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122722\
 Data File : VX033566.D
 Acq On : 27 Dec 2022 15:11
 Operator : JC/MD
 Sample : VSTD20011
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD200611

Quant Time: Dec 28 01:49:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 28 01:46:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	205688	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	191480	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	99864	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	212764	211.278	ug/L	0.00
7) Chloroethane-d5	1.672	69	232519	245.148	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	63	420155	198.163	ug/L	0.00
21) 2-Butanone-d5	4.465	46	314949	419.181	ug/L	0.00
24) Chloroform-d	5.056	84	549505	205.178	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	332710	197.546	ug/L	0.00
32) Benzene-d6	5.977	84	1048557	200.611	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	311494	201.892	ug/L	0.00
41) Toluene-d8	8.653	98	1053084	203.998	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	166949	220.814	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	256941	436.949	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	434016	203.304	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	410030	206.935	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	277557	193.530	ug/L	99
3) Chloromethane	1.294	50	211827	196.811	ug/L	98
5) Vinyl chloride	1.374	62	250220	211.244	ug/L	98
6) Bromomethane	1.618	94	163235	219.279	ug/L	97
8) Chloroethane	1.691	64	186329	227.401	ug/L	99
9) Trichlorofluoromethane	1.886	101	347710	194.124	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	233605	200.099	ug/L	97
12) 1,1-Dichloroethene	2.319	96	203893	191.737	ug/L	91
13) Acetone	2.392	43	226832	417.744	ug/L	100
14) Carbon disulfide	2.514	76	693123	209.933	ug/L	99
15) Methyl Acetate	2.703	43	211084	212.036	ug/L	99
16) Methylene chloride	2.788	84	243366	209.454	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	257421	214.246	ug/L	95
18) Methyl tert-butyl Ether	3.111	73	776998	218.357	ug/L	100
19) 1,1-Dichloroethane	3.611	63	434044	201.642	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	287602	205.851	ug/L	100
22) 2-Butanone	4.562	43	325348	395.317	ug/L	97
23) Bromochloromethane	4.904	128	145450	197.123	ug/L	97
25) Chloroform	5.093	83	492170	199.669	ug/L	99
27) 1,2-Dichloroethane	6.086	62	378902	197.611	ug/L	99
29) Cyclohexane	5.477	56	408757	199.662	ug/L	100
30) 1,1,1-Trichloroethane	5.385	97	466294	197.929	ug/L	99
31) Carbon tetrachloride	5.684	117	428295	197.064	ug/L	98
33) Benzene	6.044	78	1038903	197.174	ug/L	100
34) Trichloroethene	7.123	95	290099	199.806	ug/L	98
35) Methylcyclohexane	7.385	83	469975	203.149	ug/L	99
37) 1,2-Dichloropropane	7.434	63	253635	197.277	ug/L	100
38) Bromodichloromethane	7.824	83	393697	198.482	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	435745	211.252	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	632659	404.799	ug/L	99
42) Toluene	8.720	91	1215330	205.173	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	435503	218.531	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	278396	202.470	ug/L	99
46) Tetrachloroethene	9.275	164	249172	205.508	ug/L	97
48) 2-Hexanone	9.433	43	480136	398.118	ug/L	96
49) Dibromochloromethane	9.525	129	351303	206.167	ug/L	99
50) 1,2-Dibromoethane	9.610	107	309004	205.735	ug/L	99
51) Chlorobenzene	10.079	112	799476	204.889	ug/L	99
52) Ethylbenzene	10.195	91	1349843	208.498	ug/L	100
53) m,p-Xylene	10.305	106	547197	213.354	ug/L	90
54) o-Xylene	10.640	106	531512	210.089	ug/L	96
55) Styrene	10.659	104	909006	214.837	ug/L	93
57) 1,1,2,2-Tetrachloroethane	11.213	83	410164	199.072	ug/L	99
59) Bromoform	10.799	173	265007	207.121	ug/L	99
60) Isopropylbenzene	10.963	105	1382598	204.349	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	305526	190.846	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	1193318	210.490	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	1162835	208.448	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	633359	208.464	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	630964	204.004	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	609375	200.650	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.945	75	91163	199.506	ug/L	92
69) 1,3,5-Trichlorobenzene	13.116	180	455239	213.630	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	421438	221.895	ug/L	98
71) Naphthalene	13.774	128	1330476	219.878	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	412017	216.476	ug/L	99

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

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