

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122722\
 Data File : VX033565.D
 Acq On : 27 Dec 2022 14:48
 Operator : JC/MD
 Sample : VSTD10010
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD100610

Quant Time: Dec 28 01:48:48 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	200313	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	185323	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	97748	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	98577	100.515	ug/L	0.00
7) Chloroethane-d5	1.672	69	104936	113.604	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	63	236951	114.755	ug/L	0.00
21) 2-Butanone-d5	4.458	46	150998	206.363	ug/L	0.00
24) Chloroform-d	5.056	84	261801	100.376	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	160649	97.945	ug/L	0.00
32) Benzene-d6	5.976	84	499691	98.777	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.311	67	146733	98.263	ug/L	0.00
41) Toluene-d8	8.647	98	495758	99.226	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.951	79	76806	104.962	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	122531	215.297	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	208637	100.978	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	197467	101.815	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	132107	94.585	ug/L	99
3) Chloromethane	1.294	50	97699	93.209	ug/L	98
5) Vinyl chloride	1.373	62	110643	95.915	ug/L	100
6) Bromomethane	1.617	94	71417	98.511	ug/L	95
8) Chloroethane	1.690	64	86689	108.636	ug/L	99
9) Trichlorofluoromethane	1.886	101	162009	92.876	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	123804	108.893	ug/L	99
12) 1,1-Dichloroethene	2.318	96	114099	110.176	ug/L	96
13) Acetone	2.392	43	112584	212.903	ug/L	100
14) Carbon disulfide	2.514	76	319295	99.303	ug/L	99
15) Methyl Acetate	2.709	43	99332	102.457	ug/L	99
16) Methylene chloride	2.794	84	112646	99.551	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	116427	99.500	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	353400	101.980	ug/L	100
19) 1,1-Dichloroethane	3.611	63	200143	95.475	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	132152	97.126	ug/L	98
22) 2-Butanone	4.562	43	157478	196.479	ug/L	99
23) Bromochloromethane	4.897	128	69557	96.797	ug/L	95
25) Chloroform	5.098	83	230024	95.823	ug/L	97
27) 1,2-Dichloroethane	6.086	62	180579	96.706	ug/L	99
29) Cyclohexane	5.470	56	186991	94.372	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	215536	94.529	ug/L	99
31) Carbon tetrachloride	5.678	117	197150	93.725	ug/L	99
33) Benzene	6.037	78	481212	94.364	ug/L	100
34) Trichloroethene	7.122	95	132486	94.281	ug/L	98
35) Methylcyclohexane	7.378	83	212821	95.049	ug/L	99
37) 1,2-Dichloropropane	7.427	63	117282	94.253	ug/L	100
38) Bromodichloromethane	7.824	83	182462	95.044	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	195676	98.017	ug/L	98
40) 4-Methyl-2-pentanone	8.573	43	297207	196.482	ug/L	100
42) Toluene	8.720	91	549057	95.772	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	192437	99.771	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	126116	94.768	ug/L	97
46) Tetrachloroethene	9.274	164	110294	93.988	ug/L	98
48) 2-Hexanone	9.433	43	228811	196.028	ug/L	97
49) Dibromochloromethane	9.518	129	158450	96.078	ug/L	97
50) 1,2-Dibromoethane	9.610	107	140256	96.485	ug/L	99
51) Chlorobenzene	10.079	112	358080	94.817	ug/L	99
52) Ethylbenzene	10.195	91	609339	97.246	ug/L	98
53) m,p-Xylene	10.299	106	241649	97.350	ug/L	97
54) o-Xylene	10.640	106	238802	97.526	ug/L	99
55) Styrene	10.652	104	416914	101.808	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	193082	96.825	ug/L	100
59) Bromoform	10.799	173	121547	97.054	ug/L	99
60) Isopropylbenzene	10.963	105	636380	96.093	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	146434	93.450	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	544271	98.082	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	534893	97.960	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	288495	97.011	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	288737	95.376	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	285658	96.095	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	41927	93.741	ug/L	97
69) 1,3,5-Trichlorobenzene	13.115	180	200449	96.101	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	181792	97.789	ug/L	99
71) Naphthalene	13.774	128	601355	101.533	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	182492	97.958	ug/L	99

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

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