

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039296.D
 Acq On : 16 Dec 2023 17:25
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050706

Quant Time: Dec 16 21:13:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 12 03:50:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	207574	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	198180	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	100197	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	67727	41.599	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.200%		
7) Chloroethane-d5	1.666	69	51354	42.674	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.340%		
11) 1,1-Dichloroethene-d2	2.306	65	34541	48.331	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.660%		
21) 2-Butanone-d5	4.452	46	146518	99.418	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.420%		
24) Chloroform-d	5.056	84	146392	50.793	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.580%		
26) 1,2-Dichloroethane-d4	5.958	65	96210	51.545	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.080%		
32) Benzene-d6	5.977	84	287573	47.018	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.040%		
36) 1,2-Dichloropropane-d6	7.306	67	92262	46.873	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.740%		
41) Toluene-d8	8.647	98	260340	46.970	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.940%		
43) trans-1,3-Dichloroprop...	8.952	79	43591	43.519	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.040%		
47) 2-Hexanone-d5	9.384	63	108209	92.044	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.040%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	134525	48.178	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.360%		
66) 1,2-Dichlorobenzene-d4	12.317	152	89260	47.130	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.260%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	86623	52.329	ug/L	99
3) Chloromethane	1.294	50	87365	50.494	ug/L	98
5) Vinyl chloride	1.374	62	82167	48.184	ug/L	100
6) Bromomethane	1.605	94	47430	51.530	ug/L	99
8) Chloroethane	1.685	64	47355	49.120	ug/L	97
9) Trichlorofluoromethane	1.886	101	116360	52.650	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	76248	53.635	ug/L	98
12) 1,1-Dichloroethene	2.319	96	71097	53.168	ug/L	92
13) Acetone	2.374	43	116750	82.463	ug/L	97
14) Carbon disulfide	2.514	76	207198	48.693	ug/L	99
15) Methyl Acetate	2.703	43	112125	55.407	ug/L	98
16) Methylene chloride	2.788	84	83790	54.538	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	73903	52.453	ug/L	97
18) Methyl tert-butyl Ether	3.111	73	265966	54.232	ug/L	98
19) 1,1-Dichloroethane	3.611	63	149379	53.620	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	85326	52.212	ug/L	97
22) 2-Butanone	4.556	43	168181	96.793	ug/L	98
23) Bromochloromethane	4.897	128	39575	51.516	ug/L	99
25) Chloroform	5.093	83	150110	54.021	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	127644	58.202	ug/L	97
29) Cyclohexane	5.471	56	138297	49.885	ug/L	96
30) 1,1,1-Trichloroethane	5.385	97	125610	52.238	ug/L	98
31) Carbon tetrachloride	5.678	117	102663	51.174	ug/L	99
33) Benzene	6.037	78	316904	50.318	ug/L	100
34) Trichloroethene	7.123	95	84793	50.945	ug/L	95
35) Methylcyclohexane	7.379	83	131942	47.598	ug/L	96
37) 1,2-Dichloropropane	7.427	63	88831	50.857	ug/L	100
38) Bromodichloromethane	7.824	83	108927	51.273	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	134568	48.305	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	306018	104.537	ug/L	98
42) Toluene	8.720	91	334277	50.052	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	127720	49.404	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	82530	51.559	ug/L	99
46) Tetrachloroethene	9.275	164	53775	48.977	ug/L	96
48) 2-Hexanone	9.427	43	242694	99.055	ug/L	98
49) Dibromochloromethane	9.519	129	77833	49.912	ug/L	99
50) 1,2-Dibromoethane	9.610	107	87288	50.900	ug/L	100
51) Chlorobenzene	10.079	112	206355	50.022	ug/L	97
52) Ethylbenzene	10.195	91	378635	50.713	ug/L	99
53) m,p-Xylene	10.299	106	139934	50.127	ug/L	97
54) o-Xylene	10.640	106	133192	49.724	ug/L	93
55) Styrene	10.653	104	231009	50.403	ug/L	93
57) 1,1,2,2-Tetrachloroethane	11.213	83	143396	51.332	ug/L	98
59) Bromoform	10.799	173	53244	45.215	ug/L	99
60) Isopropylbenzene	10.963	105	368586	50.343	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	111572	50.832	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	313247	50.678	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	309306	51.032	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	154783	49.392	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	156530	49.293	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	147785	49.300	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	35140	51.298	ug/L	93
69) 1,3,5-Trichlorobenzene	13.109	180	103521	49.952	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	95857	49.064	ug/L	98
71) Naphthalene	13.774	128	336948	50.288	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	94068	49.726	ug/L	99

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

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