

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041123\
 Data File : VX035003.D
 Acq On : 11 Apr 2023 12:00
 Operator : JC/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050625

Quant Time: Apr 12 01:56:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 12 01:54:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	477206	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	423782	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	215011	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	136493	42.943	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.880%		
7) Chloroethane-d5	1.672	69	111542	47.912	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.820%		
11) 1,1-Dichloroethene-d2	2.312	63	288631	44.797	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.600%		
21) 2-Butanone-d5	4.464	46	204576	96.840	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.840%		
24) Chloroform-d	5.056	84	293092	48.388	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.780%		
26) 1,2-Dichloroethane-d4	5.952	65	194035	46.666	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.340%		
32) Benzene-d6	5.970	84	555844	46.985	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.980%		
36) 1,2-Dichloropropane-d6	7.305	67	174504	47.950	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.900%		
41) Toluene-d8	8.646	98	511217	47.179	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.360%		
43) trans-1,3-Dichloroprop...	8.945	79	78214	46.800	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.600%		
47) 2-Hexanone-d5	9.384	63	144023	99.015	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	99.010%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	223449	49.407	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.820%		
66) 1,2-Dichlorobenzene-d4	12.323	152	190277	48.228	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.460%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	196358	47.379	ug/L	99
3) Chloromethane	1.294	50	186256	47.813	ug/L	99
5) Vinyl chloride	1.373	62	185206	46.909	ug/L	99
6) Bromomethane	1.617	94	112774	50.548	ug/L	96
8) Chloroethane	1.690	64	109254	49.174	ug/L	99
9) Trichlorofluoromethane	1.892	101	250466	45.596	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	167319	49.086	ug/L	98
12) 1,1-Dichloroethene	2.318	96	145017	47.803	ug/L	93
13) Acetone	2.398	43	205500	98.382	ug/L	100
14) Carbon disulfide	2.513	76	362545	44.451	ug/L	100
15) Methyl Acetate	2.708	43	169348	47.238	ug/L	99
16) Methylene chloride	2.788	84	165110	49.605	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	149288	47.851	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	544692	49.947	ug/L	99
19) 1,1-Dichloroethane	3.605	63	305129	49.114	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	174648	48.933	ug/L	98
22) 2-Butanone	4.568	43	260961	97.804	ug/L	98
23) Bromochloromethane	4.897	128	86629	49.068	ug/L	96
25) Chloroform	5.086	83	318158	49.934	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	270447	50.119	ug/L	99
29) Cyclohexane	5.464	56	278606	47.810	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	267008	47.647	ug/L	100
31) Carbon tetrachloride	5.677	117	228261	47.255	ug/L	99
33) Benzene	6.037	78	668409	49.457	ug/L	100
34) Trichloroethene	7.122	95	177590	48.738	ug/L	99
35) Methylcyclohexane	7.372	83	255114	48.565	ug/L	99
37) 1,2-Dichloropropane	7.427	63	177253	49.496	ug/L	100
38) Bromodichloromethane	7.817	83	219560	48.457	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	274357	50.129	ug/L	99
40) 4-Methyl-2-pentanone	8.573	43	471804	99.149	ug/L	100
42) Toluene	8.714	91	694886	49.645	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	252197	50.052	ug/L	97
45) 1,1,2-Trichloroethane	9.152	97	168368	50.418	ug/L	97
46) Tetrachloroethene	9.274	164	132923	48.967	ug/L	99
48) 2-Hexanone	9.427	43	372204	99.788	ug/L	98
49) Dibromochloromethane	9.518	129	165614	50.420	ug/L	99
50) 1,2-Dibromoethane	9.610	107	176106	50.252	ug/L	98
51) Chlorobenzene	10.079	112	451200	50.012	ug/L	99
52) Ethylbenzene	10.195	91	800919	50.421	ug/L	99
53) m,p-Xylene	10.299	106	303329	50.681	ug/L	98
54) o-Xylene	10.640	106	296760	50.324	ug/L	100
55) Styrene	10.652	104	503673	50.944	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	247945	50.003	ug/L	100
59) Bromoform	10.799	173	107945	47.089	ug/L	99
60) Isopropylbenzene	10.963	105	777540	49.519	ug/L	99
61) 1,2,3-Trichloropropane	11.237	75	195926	47.523	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	644135	49.477	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	650048	50.568	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	338563	48.403	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	346139	48.943	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	336076	48.772	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.944	75	50200	47.566	ug/L	93
69) 1,3,5-Trichlorobenzene	13.115	180	220359	50.364	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	200534	49.273	ug/L	99
71) Naphthalene	13.774	128	704859	50.682	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	202239	49.487	ug/L	99

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

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