

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020823\
 Data File : VX034059.D
 Acq On : 07 Feb 2023 14:20
 Operator : JC/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050621

Quant Time: Feb 07 20:43:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML020223WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 07 20:42:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	204508	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	180259	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	100993	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	39638	29.103	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	58.200%#
7) Chloroethane-d5	1.666	69	31382	37.953	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.900%
11) 1,1-Dichloroethene-d2	2.306	63	91965	36.850	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.700%
21) 2-Butanone-d5	4.446	46	72242	92.513	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.510%
24) Chloroform-d	5.056	84	103880	42.519	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.040%
26) 1,2-Dichloroethane-d4	5.952	65	63492	43.072	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.140%
32) Benzene-d6	5.970	84	197664	38.254	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.500%
36) 1,2-Dichloropropane-d6	7.305	67	61398	40.191	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.380%
41) Toluene-d8	8.647	98	186031	37.952	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.900%#
43) trans-1,3-Dichloroprop...	8.945	79	27249	39.306	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.620%
47) 2-Hexanone-d5	9.384	63	53854	94.007	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.010%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	86402	45.105	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.220%
66) 1,2-Dichlorobenzene-d4	12.317	152	85007	42.053	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	68395	44.953	ug/L	99
3) Chloromethane	1.294	50	54930	39.553	ug/L	98
5) Vinyl chloride	1.373	62	54243	38.626	ug/L	97
6) Bromomethane	1.605	94	35427	48.649	ug/L	100
8) Chloroethane	1.684	64	31557	42.272	ug/L	96
9) Trichlorofluoromethane	1.892	101	90903	45.671	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	62478	45.391	ug/L	98
12) 1,1-Dichloroethene	2.318	96	54434	43.231	ug/L	95
13) Acetone	2.373	43	50659	63.057	ug/L	100
14) Carbon disulfide	2.514	76	134570	39.487	ug/L	100
15) Methyl Acetate	2.696	43	54477	42.563	ug/L	98
16) Methylene chloride	2.788	84	59207	44.404	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	56768	43.674	ug/L	98
18) Methyl tert-butyl Ether	3.105	73	172790	45.657	ug/L	99
19) 1,1-Dichloroethane	3.611	63	101874	44.909	ug/L	96
20) cis-1,2-Dichloroethene	4.489	96	67024	45.121	ug/L	94
22) 2-Butanone	4.550	43	77454	77.596	ug/L	99
23) Bromochloromethane	4.897	128	36676	44.977	ug/L	97
25) Chloroform	5.092	83	110411	47.133	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	85705	47.669	ug/L	99
29) Cyclohexane	5.470	56	94150	42.704	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	93973	46.124	ug/L	99
31) Carbon tetrachloride	5.678	117	85605	45.161	ug/L	99
33) Benzene	6.037	78	235272	43.892	ug/L	100
34) Trichloroethene	7.122	95	64472	44.380	ug/L	98
35) Methylcyclohexane	7.378	83	102682	44.327	ug/L	99
37) 1,2-Dichloropropane	7.427	63	59489	43.574	ug/L	99
38) Bromodichloromethane	7.817	83	78290	45.099	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	94551	45.121	ug/L	100
40) 4-Methyl-2-pentanone	8.573	43	150352	89.491	ug/L	99
42) Toluene	8.714	91	256641	44.759	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	83942	45.017	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	63235	45.757	ug/L	98
46) Tetrachloroethene	9.274	164	61637	44.192	ug/L	99
48) 2-Hexanone	9.427	43	112541	84.055	ug/L	100
49) Dibromochloromethane	9.518	129	68583	45.994	ug/L	98
50) 1,2-Dibromoethane	9.610	107	67937	45.745	ug/L	98
51) Chlorobenzene	10.079	112	175222	45.233	ug/L	99
52) Ethylbenzene	10.195	91	288831	45.836	ug/L	98
53) m,p-Xylene	10.299	106	116089	45.895	ug/L	97
54) o-Xylene	10.640	106	112814	46.165	ug/L	94
55) Styrene	10.652	104	191833	46.793	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	90295	46.476	ug/L	98
59) Bromoform	10.799	173	54533	44.369	ug/L	99
60) Isopropylbenzene	10.963	105	301873	45.753	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	68794	44.870	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	253760	46.988	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	248875	46.753	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	148560	45.282	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	148830	44.823	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	144135	44.929	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.938	75	17094	45.507	ug/L	86
69) 1,3,5-Trichlorobenzene	13.109	180	113615	45.920	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	104161	46.375	ug/L	100
71) Naphthalene	13.774	128	289584	46.570	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	103222	46.553	ug/L	99

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

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