

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021323\
 Data File : VX034145.D
 Acq On : 13 Feb 2023 16:48
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050622

Quant Time: Feb 14 00:10:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML021323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 13 13:44:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	142751	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	126146	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	74792	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	26650	42.984	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.960%
7) Chloroethane-d5	1.666	69	19077	41.849	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.700%
11) 1,1-Dichloroethene-d2	2.306	63	72409	45.690	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.380%
21) 2-Butanone-d5	4.446	46	33925	69.840	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	69.840%
24) Chloroform-d	5.056	84	75715	42.303	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.600%
26) 1,2-Dichloroethane-d4	5.952	65	60167	49.397	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.800%
32) Benzene-d6	5.970	84	181349	48.947	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.900%
36) 1,2-Dichloropropane-d6	7.305	67	53372	45.970	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.940%
41) Toluene-d8	8.647	98	176049	50.944	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.880%
43) trans-1,3-Dichloroprop...	8.945	79	26873	50.195	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.400%
47) 2-Hexanone-d5	9.378	63	44645	105.958	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.960%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	72946	47.505	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.020%
66) 1,2-Dichlorobenzene-d4	12.317	152	76859	46.774	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.540%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	77678	50.788	ug/L	100
3) Chloromethane	1.294	50	34158	53.567	ug/L	100
5) Vinyl chloride	1.374	62	31699	47.309	ug/L	98
6) Bromomethane	1.605	94	20828	44.765	ug/L	100
8) Chloroethane	1.685	64	17361	47.470	ug/L	96
9) Trichlorofluoromethane	1.886	101	64741	47.134	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	42583	49.638	ug/L	95
12) 1,1-Dichloroethene	2.319	96	37163	50.265	ug/L	84
13) Acetone	2.373	43	37693	112.340	ug/L	91
14) Carbon disulfide	2.514	76	99651	49.017	ug/L	100
15) Methyl Acetate	2.703	43	37194	54.325	ug/L	98
16) Methylene chloride	2.788	84	44708	58.138	ug/L	96
17) trans-1,2-Dichloroethene	3.087	96	47358	62.675	ug/L	97
18) Methyl tert-butyl Ether	3.111	73	144051	60.208	ug/L	97
19) 1,1-Dichloroethane	3.605	63	58645	43.428	ug/L	97
20) cis-1,2-Dichloroethene	4.483	96	35464	39.483	ug/L	92
22) 2-Butanone	4.544	43	42207	85.141	ug/L	98
23) Bromochloromethane	4.891	128	24077	46.233	ug/L #	91
25) Chloroform	5.086	83	77471	48.057	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	77616	56.149	ug/L	96
29) Cyclohexane	5.470	56	77578	58.005	ug/L	95
30) 1,1,1-Trichloroethane	5.379	97	82503	53.202	ug/L	98
31) Carbon tetrachloride	5.672	117	82396	55.488	ug/L	100
33) Benzene	6.031	78	200555	55.901	ug/L	100
34) Trichloroethene	7.123	95	55355	50.238	ug/L	98
35) Methylcyclohexane	7.379	83	88933	50.768	ug/L	98
37) 1,2-Dichloropropane	7.427	63	49123	50.773	ug/L	99
38) Bromodichloromethane	7.818	83	70456	52.466	ug/L	96
39) cis-1,3-Dichloropropene	8.360	75	82069	55.598	ug/L	98
40) 4-Methyl-2-pentanone	8.567	43	128293	119.381	ug/L	99
42) Toluene	8.714	91	220797	59.656	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	77597	57.581	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	52085	55.286	ug/L	98
46) Tetrachloroethene	9.269	164	54809	55.348	ug/L	97
48) 2-Hexanone	9.427	43	98502	121.817	ug/L	99
49) Dibromochloromethane	9.518	129	65381	58.587	ug/L	99
50) 1,2-Dibromoethane	9.604	107	58013	54.245	ug/L	99
51) Chlorobenzene	10.079	112	151410	54.603	ug/L	97
52) Ethylbenzene	10.189	91	251846	55.194	ug/L	97
53) m,p-Xylene	10.299	106	98506	53.386	ug/L	97
54) o-Xylene	10.640	106	96820	53.299	ug/L	93
55) Styrene	10.652	104	162190	52.865	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	77112	53.251	ug/L	98
59) Bromoform	10.799	173	52172	53.185	ug/L	99
60) Isopropylbenzene	10.963	105	247870	50.497	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	58920	52.845	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	223711	54.544	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	221592	55.993	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	130836	53.347	ug/L	100
65) 1,4-Dichlorobenzene	12.042	146	128213	51.219	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	127392	53.237	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	16782	53.000	ug/L	99
69) 1,3,5-Trichlorobenzene	13.115	180	100484	52.846	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	92291	53.841	ug/L	99
71) Naphthalene	13.774	128	260779	56.006	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	92483	54.856	ug/L	98

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

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