

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020823\
 Data File : VX034053.D
 Acq On : 07 Feb 2023 10:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050620

Quant Time: Feb 07 20:39:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML020223WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 07 03:27:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	202076	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	177728	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	102768	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	44377	32.974	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.940%
7) Chloroethane-d5	1.666	69	33916	41.512	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.020%
11) 1,1-Dichloroethene-d2	2.307	63	98760	40.049	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.100%
21) 2-Butanone-d5	4.440	46	71054	92.087	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.090%
24) Chloroform-d	5.050	84	106212	43.997	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.000%
26) 1,2-Dichloroethane-d4	5.946	65	65174	44.745	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.500%
32) Benzene-d6	5.964	84	206740	40.580	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.160%
36) 1,2-Dichloropropane-d6	7.300	67	63163	41.936	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.880%
41) Toluene-d8	8.647	98	192745	39.882	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.760%#
43) trans-1,3-Dichloroprop...	8.946	79	29828	43.639	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.280%
47) 2-Hexanone-d5	9.378	63	52603	93.131	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.130%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	88020	46.604	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	12.317	152	90231	43.866	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.740%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	70845	47.124	ug/L	100
3) Chloromethane	1.295	50	56346	41.061	ug/L	97
5) Vinyl chloride	1.374	62	56993	41.073	ug/L	99
6) Bromomethane	1.612	94	33080	45.973	ug/L	99
8) Chloroethane	1.691	64	31863	43.195	ug/L	98
9) Trichlorofluoromethane	1.892	101	93773	47.679	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	65444	48.118	ug/L	97
12) 1,1-Dichloroethene	2.319	96	57487	46.205	ug/L	96
13) Acetone	2.374	43	73994	93.212	ug/L	99
14) Carbon disulfide	2.514	76	151526	44.997	ug/L	100
15) Methyl Acetate	2.697	43	54652	43.214	ug/L	99
16) Methylene chloride	2.788	84	61090	46.367	ug/L	98
17) trans-1,2-Dichloroethene	3.087	96	59586	46.394	ug/L	94
18) Methyl tert-butyl Ether	3.105	73	176573	47.218	ug/L	99
19) 1,1-Dichloroethane	3.605	63	105753	47.180	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	69072	47.060	ug/L	99
22) 2-Butanone	4.544	43	88906	90.141	ug/L	100
23) Bromochloromethane	4.891	128	37846	46.971	ug/L	98
25) Chloroform	5.087	83	112068	48.416	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	84675	47.663	ug/L	99
29) Cyclohexane	5.465	56	98657	45.385	ug/L	98
30) 1,1,1-Trichloroethane	5.379	97	96088	47.833	ug/L	99
31) Carbon tetrachloride	5.672	117	90985	48.683	ug/L	100
33) Benzene	6.031	78	241234	45.645	ug/L	100
34) Trichloroethene	7.117	95	66506	46.432	ug/L	98
35) Methylcyclohexane	7.379	83	109991	48.159	ug/L	98
37) 1,2-Dichloropropane	7.421	63	61189	45.457	ug/L	99
38) Bromodichloromethane	7.818	83	81435	47.579	ug/L	98
39) cis-1,3-Dichloropropene	8.360	75	98517	47.684	ug/L	99
40) 4-Methyl-2-pentanone	8.568	43	146923	88.695	ug/L	98
42) Toluene	8.714	91	263855	46.672	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	88567	48.174	ug/L	100
45) 1,1,2-Trichloroethane	9.147	97	64663	47.456	ug/L	99
46) Tetrachloroethene	9.269	164	65585	47.692	ug/L	97
48) 2-Hexanone	9.427	43	118859	90.038	ug/L	99
49) Dibromochloromethane	9.519	129	72199	49.109	ug/L	95
50) 1,2-Dibromoethane	9.604	107	69136	47.215	ug/L	97
51) Chlorobenzene	10.080	112	183221	47.971	ug/L	98
52) Ethylbenzene	10.189	91	300007	48.288	ug/L	98
53) m,p-Xylene	10.299	106	119836	48.051	ug/L	97
54) o-Xylene	10.640	106	115051	47.751	ug/L	95
55) Styrene	10.653	104	199515	49.360	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	90164	47.070	ug/L	99
59) Bromoform	10.799	173	59217	47.348	ug/L	99
60) Isopropylbenzene	10.964	105	313086	46.632	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	68750	44.066	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	264510	48.132	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	260040	48.007	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	154160	46.177	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	157626	46.652	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	153642	47.065	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	17152	44.873	ug/L	96
69) 1,3,5-Trichlorobenzene	13.109	180	121816	48.384	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	111420	48.750	ug/L	100
71) Naphthalene	13.774	128	299967	47.407	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	109728	48.633	ug/L	99

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

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