

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072224\
 Data File : VX042434.D
 Acq On : 22 Jul 2024 08:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050751

Quant Time: Jul 22 11:11:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 20 01:45:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	261736	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	243967	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	129612	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	53936	35.404	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.800%
7) Chloroethane-d5	1.648	69	38709	40.355	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.700%
11) 1,1-Dichloroethene-d2	2.294	65	29655	44.476	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.960%
21) 2-Butanone-d5	4.459	46	115796	105.473	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.470%
24) Chloroform-d	5.050	84	150534	49.143	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.280%
26) 1,2-Dichloroethane-d4	5.952	65	92990	51.432	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.860%
32) Benzene-d6	5.971	84	299993	47.573	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.140%
36) 1,2-Dichloropropane-d6	7.306	67	92152	48.559	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.120%
41) Toluene-d8	8.647	98	276872	47.115	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.240%
43) trans-1,3-Dichloroprop...	8.946	79	41148	50.169	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.340%
47) 2-Hexanone-d5	9.385	63	88121	102.298	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.300%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	139206	49.617	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.240%
66) 1,2-Dichlorobenzene-d4	12.317	152	118933	47.243	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	79709	42.576	ug/L	99
3) Chloromethane	1.301	50	76085	40.216	ug/L	100
5) Vinyl chloride	1.374	62	71257	38.293	ug/L	99
6) Bromomethane	1.599	94	39629	39.083	ug/L	99
8) Chloroethane	1.666	64	38498	41.506	ug/L	100
9) Trichlorofluoromethane	1.874	101	107980	44.586	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	83274	49.894	ug/L	99
12) 1,1-Dichloroethene	2.307	96	72455	45.831	ug/L	95
13) Acetone	2.386	43	99424	132.751	ug/L	99
14) Carbon disulfide	2.502	76	159498	40.554	ug/L	100
15) Methyl Acetate	2.703	43	106318	55.870	ug/L	98
16) Methylene chloride	2.782	84	88822	45.538	ug/L	93
17) trans-1,2-Dichloroethene	3.087	96	76047	46.769	ug/L	98
18) Methyl tert-butyl Ether	3.117	73	287267	54.025	ug/L	99
19) 1,1-Dichloroethane	3.605	63	152228	52.135	ug/L	100
20) cis-1,2-Dichloroethene	4.483	96	96393	50.460	ug/L	97
22) 2-Butanone	4.562	43	151857	121.129	ug/L	99
23) Bromochloromethane	4.898	128	50993	49.949	ug/L	94
25) Chloroform	5.087	83	161887	52.878	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	125800	55.447	ug/L	97
29) Cyclohexane	5.465	56	124645	47.274	ug/L	98
30) 1,1,1-Trichloroethane	5.379	97	131429	49.481	ug/L	99
31) Carbon tetrachloride	5.672	117	115268	49.682	ug/L	100
33) Benzene	6.032	78	340007	49.837	ug/L	100
34) Trichloroethene	7.123	95	87267	48.833	ug/L	96
35) Methylcyclohexane	7.379	83	130460	48.146	ug/L	97
37) 1,2-Dichloropropane	7.428	63	94567	54.023	ug/L	99
38) Bromodichloromethane	7.818	83	117886	54.995	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	142863	55.427	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	281514	112.751	ug/L	97
42) Toluene	8.714	91	361196	49.617	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	131627	56.959	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	99040	52.878	ug/L	97
46) Tetrachloroethene	9.269	164	79804	47.708	ug/L	96
48) 2-Hexanone	9.427	43	216186	110.258	ug/L	99
49) Dibromochloromethane	9.519	129	102500	53.734	ug/L	99
50) 1,2-Dibromoethane	9.610	107	104236	51.818	ug/L	98
51) Chlorobenzene	10.080	112	248514	49.732	ug/L	100
52) Ethylbenzene	10.195	91	397096	50.197	ug/L	99
53) m,p-Xylene	10.299	106	157203	49.370	ug/L	98
54) o-Xylene	10.640	106	160902	50.588	ug/L	97
55) Styrene	10.653	104	275723	52.025	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	157615	52.431	ug/L	100
59) Bromoform	10.799	173	86737	53.388	ug/L	98
60) Isopropylbenzene	10.964	105	408363	50.323	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	121803	52.923	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	311553	50.490	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	340237	51.449	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	207712	51.039	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	209462	50.881	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	212109	50.631	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	31859	54.075	ug/L	82
69) 1,3,5-Trichlorobenzene	13.109	180	154003	52.081	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	140738	52.329	ug/L	98
71) Naphthalene	13.774	128	443430	53.334	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	147270	51.820	ug/L	99

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

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