

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120524\
 Data File : VX044144.D
 Acq On : 05 Dec 2024 13:48
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV654

Quant Time: Dec 06 04:08:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120524WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 06 03:51:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	226526	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	198969	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	91928	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	97958	47.255	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.500%
7) Chloroethane-d5	1.648	69	81887	50.994	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.980%
11) 1,1-Dichloroethene-d2	2.294	65	41384	46.680	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.360%
21) 2-Butanone-d5	4.459	46	130423	102.761	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.760%
24) Chloroform-d	5.050	84	189903	48.248	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.500%
26) 1,2-Dichloroethane-d4	5.946	65	125752	45.179	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.360%
32) Benzene-d6	5.964	84	325032	47.278	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.560%
36) 1,2-Dichloropropane-d6	7.299	67	101082	47.351	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.700%
41) Toluene-d8	8.647	98	294569	46.339	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.680%
43) trans-1,3-Dichloroprop...	8.946	79	50731	49.452	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.900%
47) 2-Hexanone-d5	9.384	63	87850	105.544	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.540%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	140560	49.105	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	12.317	152	99754	46.573	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.140%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	96717	52.648	ug/L	98
3) Chloromethane	1.294	50	83758	49.424	ug/L	95
5) Vinyl chloride	1.374	62	92975	50.851	ug/L	97
6) Bromomethane	1.593	94	60521	48.701	ug/L	97
8) Chloroethane	1.666	64	64535	53.316	ug/L	93
9) Trichlorofluoromethane	1.868	101	183636	53.905	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	82090	54.715	ug/L	95
12) 1,1-Dichloroethene	2.306	96	67640	50.651	ug/L #	71
13) Acetone	2.386	43	119779	106.061	ug/L	90
14) Carbon disulfide	2.502	76	128558	50.818	ug/L	99
15) Methyl Acetate	2.703	43	95206	51.987	ug/L	97
16) Methylene chloride	2.782	84	76955	50.077	ug/L	91
17) trans-1,2-Dichloroethene	3.081	96	67455	48.500	ug/L	97
18) Methyl tert-butyl Ether	3.111	73	282850	50.400	ug/L	97
19) 1,1-Dichloroethane	3.599	63	146522	50.218	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	85206	50.114	ug/L	96
22) 2-Butanone	4.556	43	144845	106.263	ug/L	98
23) Bromochloromethane	4.891	128	42073	50.741	ug/L	94
25) Chloroform	5.086	83	163835	49.891	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	133312	48.832	ug/L	98
29) Cyclohexane	5.458	56	129763	52.563	ug/L	98
30) 1,1,1-Trichloroethane	5.379	97	140636	52.070	ug/L	97
31) Carbon tetrachloride	5.666	117	114145	53.956	ug/L	99
33) Benzene	6.025	78	302521	50.069	ug/L	100
34) Trichloroethene	7.117	95	84038	50.944	ug/L	96
35) Methylcyclohexane	7.373	83	132020	55.246	ug/L	98
37) 1,2-Dichloropropane	7.428	63	82810	51.041	ug/L	100
38) Bromodichloromethane	7.818	83	110833	52.142	ug/L	98
39) cis-1,3-Dichloropropene	8.360	75	132878	52.290	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	271330	108.024	ug/L	94
42) Toluene	8.714	91	325416	50.830	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	127853	53.082	ug/L	98
45) 1,1,2-Trichloroethane	9.147	97	82407	49.565	ug/L	99
46) Tetrachloroethene	9.269	164	57527	52.278	ug/L	97
48) 2-Hexanone	9.427	43	214108	108.264	ug/L	95
49) Dibromochloromethane	9.519	129	78348	53.313	ug/L	98
50) 1,2-Dibromoethane	9.604	107	89487	52.118	ug/L	100
51) Chlorobenzene	10.079	112	206192	50.201	ug/L	98
52) Ethylbenzene	10.189	91	369181	52.351	ug/L	100
53) m,p-Xylene	10.299	106	135171	52.920	ug/L	97
54) o-Xylene	10.640	106	136994	52.157	ug/L	98
55) Styrene	10.653	104	225690	52.684	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	133821	51.885	ug/L	97
59) Bromoform	10.799	173	47172	51.141	ug/L	100
60) Isopropylbenzene	10.957	105	370037	52.165	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	105533	49.566	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	304700	51.759	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	301568	52.198	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	147912	50.278	ug/L	99
65) 1,4-Dichlorobenzene	12.036	146	149363	50.736	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	152218	50.959	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	25278	52.238	ug/L	89
69) 1,3,5-Trichlorobenzene	13.116	180	94601	51.540	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	86140	52.686	ug/L	98
71) Naphthalene	13.774	128	343968	51.603	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	86966	50.071	ug/L	95

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

