

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102924\
 Data File : VU061291.D
 Acq On : 29 Oct 2024 17:42
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050094

Quant Time: Oct 29 22:36:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102824WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 29 22:33:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	260658	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	246189	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	123211	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	84466	46.136	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.280%
7) Chloroethane-d5	1.904	69	76578	47.824	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.640%
11) 1,1-Dichloroethene-d2	2.560	63	162981	48.384	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.760%
21) 2-Butanone-d5	4.608	46	150735	99.815	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.810%
24) Chloroform-d	5.052	84	191912	49.529	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.060%
26) 1,2-Dichloroethane-d4	5.689	65	123385	50.024	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.040%
32) Benzene-d6	5.718	84	389177	49.370	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.740%
36) 1,2-Dichloropropane-d6	6.679	67	120918	50.128	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.260%
41) Toluene-d8	7.888	98	364373	49.650	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.300%
43) trans-1,3-Dichloroprop...	8.171	79	59406	49.262	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.520%
47) 2-Hexanone-d5	8.621	63	121207	99.321	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.320%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	189020	49.788	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.580%
66) 1,2-Dichlorobenzene-d4	12.184	152	132001	48.396	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	94258	51.865	ug/L	100
3) Chloromethane	1.518	50	88088	51.507	ug/L	100
5) Vinyl chloride	1.602	62	93793	50.718	ug/L	100
6) Bromomethane	1.843	94	67849	49.557	ug/L	98
8) Chloroethane	1.924	64	60571	50.077	ug/L	98
9) Trichlorofluoromethane	2.133	101	132974	51.446	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	77012	51.538	ug/L	99
12) 1,1-Dichloroethene	2.573	96	74237	52.155	ug/L	99
13) Acetone	2.615	43	107118	96.276	ug/L	98
14) Carbon disulfide	2.785	76	221959	51.006	ug/L	99
15) Methyl Acetate	2.940	43	90100	51.488	ug/L	98
16) Methylene chloride	3.036	84	88852	50.478	ug/L	99
17) trans-1,2-Dichloroethene	3.345	96	79530	51.134	ug/L	98
18) Methyl tert-butyl Ether	3.351	73	270726	50.478	ug/L	99
19) 1,1-Dichloroethane	3.859	63	154043	51.681	ug/L	99
20) cis-1,2-Dichloroethene	4.657	96	96184	52.006	ug/L	98
22) 2-Butanone	4.685	43	142571	100.178	ug/L	98
23) Bromochloromethane	4.965	128	48721	51.435	ug/L	93
25) Chloroform	5.078	83	160816	50.494	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	130443	51.212	ug/L	96
29) Cyclohexane	5.377	56	137486	52.138	ug/L	99
30) 1,1,1-Trichloroethane	5.306	97	138945	51.452	ug/L	99
31) Carbon tetrachloride	5.515	117	118511	51.028	ug/L	100
33) Benzene	5.763	78	363438	52.089	ug/L	100
34) Trichloroethene	6.534	95	93969	51.459	ug/L	99
35) Methylcyclohexane	6.753	83	146026	51.735	ug/L	100
37) 1,2-Dichloropropane	6.782	63	93756	50.483	ug/L	99
38) Bromodichloromethane	7.097	83	122102	51.474	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	153581	51.882	ug/L	100
40) 4-Methyl-2-pentanone	7.779	43	260312	101.809	ug/L	99
42) Toluene	7.962	91	395967	52.122	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	143553	52.101	ug/L	98
45) 1,1,2-Trichloroethane	8.390	97	95800	51.332	ug/L	97
46) Tetrachloroethene	8.544	164	67365	51.319	ug/L	95
48) 2-Hexanone	8.672	43	210745	101.590	ug/L	99
49) Dibromochloromethane	8.801	129	93737	50.650	ug/L	95
50) 1,2-Dibromoethane	8.914	107	105218	51.020	ug/L	98
51) Chlorobenzene	9.438	112	249250	51.139	ug/L	98
52) Ethylbenzene	9.563	91	429035	52.165	ug/L	98
53) m,p-Xylene	9.685	106	164492	52.438	ug/L	96
54) o-Xylene	10.090	106	163676	52.583	ug/L	96
55) Styrene	10.106	104	268187	52.966	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	167536	51.333	ug/L	99
59) Bromoform	10.280	173	71703	50.204	ug/L	99
60) 1,2,3-Trichloropropane	10.811	75	130660	49.974	ug/L	99
61) Isopropylbenzene	10.476	105	416440	51.362	ug/L	100
62) 1,3,5-Trimethylbenzene	11.078	105	341300	51.851	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	340809	52.568	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	184194	50.832	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	185823	50.469	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	184696	50.529	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.987	75	34364	48.782	ug/L	97
69) 1,3,5-Trichlorobenzene	13.209	180	122671	50.513	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	102191	49.202	ug/L	99
71) Naphthalene	14.077	128	305457	45.796	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	94118	46.399	ug/L	99

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

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