

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102924\
 Data File : VU061278.D
 Acq On : 29 Oct 2024 11:38
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050093

Quant Time: Oct 29 22:30:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102824WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 29 02:07:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	280118	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	259520	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	129864	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	90531	46.013	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.020%
7) Chloroethane-d5	1.904	69	81101	47.130	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.260%
11) 1,1-Dichloroethene-d2	2.560	63	175170	48.390	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.780%
21) 2-Butanone-d5	4.615	46	157093	96.798	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.800%
24) Chloroform-d	5.052	84	203181	48.794	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.580%
26) 1,2-Dichloroethane-d4	5.692	65	126531	47.735	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.480%
32) Benzene-d6	5.718	84	405479	48.796	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.682	67	124303	48.884	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.760%
41) Toluene-d8	7.891	98	383585	49.583	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.160%
43) trans-1,3-Dichloroprop...	8.171	79	63378	49.856	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.720%
47) 2-Hexanone-d5	8.624	63	122448	95.184	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.180%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	187318	46.806	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.620%
66) 1,2-Dichlorobenzene-d4	12.184	152	134633	46.832	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.660%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	103288	52.886	ug/L	100
3) Chloromethane	1.518	50	90671	49.334	ug/L	99
5) Vinyl chloride	1.602	62	101522	51.084	ug/L	100
6) Bromomethane	1.850	94	100023	67.982	ug/L	100
8) Chloroethane	1.927	64	65054	50.047	ug/L	98
9) Trichlorofluoromethane	2.132	101	147458	53.087	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	88513	55.120	ug/L	100
12) 1,1-Dichloroethene	2.573	96	81921	53.555	ug/L	97
13) Acetone	2.624	43	133136	111.348	ug/L	99
14) Carbon disulfide	2.788	76	262011	56.027	ug/L	100
15) Methyl Acetate	2.943	43	96975	51.567	ug/L	100
16) Methylene chloride	3.036	84	98732	52.195	ug/L	98
17) trans-1,2-Dichloroethene	3.348	96	91286	54.615	ug/L	97
18) Methyl tert-butyl Ether	3.354	73	297601	51.634	ug/L	99
19) 1,1-Dichloroethane	3.859	63	166108	51.857	ug/L	99
20) cis-1,2-Dichloroethene	4.657	96	104026	52.339	ug/L	99
22) 2-Butanone	4.695	43	163038	106.601	ug/L	98
23) Bromochloromethane	4.965	128	53213	52.274	ug/L	96
25) Chloroform	5.078	83	177365	51.821	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	140177	51.210	ug/L	97
29) Cyclohexane	5.380	56	158498	57.018	ug/L	100
30) 1,1,1-Trichloroethane	5.306	97	152990	53.742	ug/L	99
31) Carbon tetrachloride	5.515	117	132968	54.312	ug/L	100
33) Benzene	5.766	78	389090	52.901	ug/L	100
34) Trichloroethene	6.534	95	105165	54.632	ug/L	99
35) Methylcyclohexane	6.756	83	171897	57.772	ug/L	99
37) 1,2-Dichloropropane	6.782	63	99423	50.784	ug/L	99
38) Bromodichloromethane	7.097	83	132531	53.001	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	171769	55.046	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	275288	102.136	ug/L	99
42) Toluene	7.962	91	426116	53.209	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	158786	54.670	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	101852	51.771	ug/L	98
46) Tetrachloroethene	8.547	164	76226	55.086	ug/L	97
48) 2-Hexanone	8.676	43	231763	105.983	ug/L	99
49) Dibromochloromethane	8.801	129	102865	52.727	ug/L	98
50) 1,2-Dibromoethane	8.914	107	111458	51.270	ug/L	99
51) Chlorobenzene	9.438	112	273511	53.234	ug/L	98
52) Ethylbenzene	9.563	91	473641	54.631	ug/L	99
53) m,p-Xylene	9.685	106	180599	54.616	ug/L	100
54) o-Xylene	10.094	106	176941	53.925	ug/L	96
55) Styrene	10.106	104	293044	54.903	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	172141	50.035	ug/L	99
59) Bromoform	10.283	173	78041	51.842	ug/L #	98
60) 1,2,3-Trichloropropane	10.814	75	132885	48.221	ug/L	98
61) Isopropylbenzene	10.476	105	467327	54.685	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	379636	54.720	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	373095	54.600	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	203497	53.282	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	205259	52.892	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	196746	51.068	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	37389	50.358	ug/L	100
69) 1,3,5-Trichlorobenzene	13.209	180	138007	53.916	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	125043	57.120	ug/L	100
71) Naphthalene	14.077	128	406522	57.826	ug/L	100
72) 1,2,3-Trichlorobenzene	14.319	180	120902	56.550	ug/L	100

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

