

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103124\
 Data File : VU061324.D
 Acq On : 31 Oct 2024 20:45
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005114

Quant Time: Nov 01 00:03:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 31 23:55:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	160189	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	148589	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	71134	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	57903	5.321	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 106.400%	
7) Chloroethane-d5	1.911	69	55873	5.601	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 112.000%	
11) 1,1-Dichloroethene-d2	2.560	65	25042	5.379	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 107.600%	
20) 2-Butanone-d5	4.624	46	123997	56.125	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 112.240%	
24) Chloroform-d	5.055	84	118519	5.738	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 114.800%	
26) 1,2-Dichloroethane-d4	5.692	65	58103	5.644	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 112.800%	
32) Benzene-d6	5.718	84	240745	5.750	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 115.000%	
36) 1,2-Dichloropropane-d6	6.682	67	69918	5.555	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 111.000%	
41) Toluene-d8	7.891	98	218047	5.570	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 111.400%	
43) trans-1,3-Dichloroprop...	8.174	79	27544	5.361	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 107.200%	
46) 2-Hexanone-d5	8.624	63	115667	54.963	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 109.920%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	54302	5.705	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 114.000%	
66) 1,2-Dichlorobenzene-d4	12.187	152	69570	5.523	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 110.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	54425	5.096	ug/L	99
3) Chloromethane	1.518	50	54565	4.845	ug/L	99
5) Vinyl chloride	1.599	62	61626	4.977	ug/L	97
6) Bromomethane	1.853	94	44595	5.435	ug/L	96
8) Chloroethane	1.930	64	46877	5.142	ug/L	98
9) Trichlorofluoromethane	2.133	101	86840	5.164	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	49572	4.964	ug/L	98
12) 1,1-Dichloroethene	2.573	96	47879	5.055	ug/L	95
13) Acetone	2.644	43	73001	52.169	ug/L	96
14) Carbon disulfide	2.788	76	142566	4.512	ug/L	98
15) Methyl Acetate	2.952	43	18781	5.420	ug/L	97
16) Methylene chloride	3.039	84	57648	5.165	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	137711	5.365	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	53246	5.084	ug/L	98
19) 1,1-Dichloroethane	3.862	63	105048	5.318	ug/L	99
21) 2-Butanone	4.705	43	123028	55.459	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	64218	5.368	ug/L	97
23) Bromochloromethane	4.968	128	28401	5.643	ug/L	97
25) Chloroform	5.078	83	112269	5.406	ug/L	99

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 ALS Vial : 24 Sample Multiplier: 1

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	73365	5.590	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	94016	5.167	ug/L	99
30) Cyclohexane	5.380	56	84117	4.609	ug/L	99
31) Carbon tetrachloride	5.515	117	77305	4.965	ug/L	97
33) Benzene	5.766	78	244086	5.312	ug/L	100
34) Trichloroethene	6.534	95	64929	5.194	ug/L	98
35) Methylcyclohexane	6.753	83	91970	4.623	ug/L	99
37) 1,2-Dichloropropane	6.782	63	63181	5.424	ug/L	100
38) Bromodichloromethane	7.097	83	79001	5.359	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	92329	5.132	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	318818	54.995	ug/L	99
42) Toluene	7.962	91	257750	5.165	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	76261	5.203	ug/L	100
45) 1,1,2-Trichloroethane	8.390	97	45768	5.460	ug/L	98
47) Tetrachloroethene	8.547	164	44739	5.124	ug/L	99
48) 2-Hexanone	8.676	43	234605	57.228	ug/L	99
49) Dibromochloromethane	8.801	129	50397	5.301	ug/L	97
50) 1,2-Dibromoethane	8.917	107	43841	5.384	ug/L	96
51) Chlorobenzene	9.441	112	166806	5.288	ug/L	99
52) Ethylbenzene	9.563	91	279378	5.090	ug/L	99
53) m,p-Xylene	9.688	106	108045	5.167	ug/L	100
54) o-Xylene	10.094	106	106730	5.171	ug/L	99
55) Styrene	10.106	104	175196	5.295	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	56157	5.560	ug/L	99
59) Bromoform	10.283	173	26602	5.052	ug/L	96
60) Isopropylbenzene	10.476	105	277636	5.109	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	38995	5.503	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	222445	5.028	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	218921	5.006	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	121590	5.317	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	122089	5.237	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	115337	5.358	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	7758	5.214	ug/L	94
69) 1,3,5-Trichlorobenzene	13.212	180	83575	5.331	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	68685	5.429	ug/L	99
71) Naphthalene	14.081	128	114504	5.736	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	60481	5.714	ug/L	98

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

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