

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013024\
 Data File : VU057731.D
 Acq On : 30 Jan 2024 09:19
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005138

Quant Time: Jan 30 22:29:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 30 00:30:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	63973	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	58336	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	26610	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	19627	5.568	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 111.400%		
7) Chloroethane-d5	1.914	69	16232	5.496	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 110.000%		
11) 1,1-Dichloroethene-d2	2.563	65	8822	5.323	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 106.400%		
20) 2-Butanone-d5	4.634	46	38287	57.580	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 115.160%		
24) Chloroform-d	5.055	84	38904	5.438	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 108.800%		
26) 1,2-Dichloroethane-d4	5.695	65	18793	5.780	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 115.600%		
32) Benzene-d6	5.721	84	76798	5.612	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 112.200%		
36) 1,2-Dichloropropane-d6	6.685	67	22668	5.492	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 109.800%		
41) Toluene-d8	7.894	98	70378	5.418	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 108.400%		
43) trans-1,3-Dichloroprop...	8.177	79	8530	5.186	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 103.800%		
46) 2-Hexanone-d5	8.631	63	30897	58.870	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 117.740%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	15698	5.674	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 113.400%		
66) 1,2-Dichlorobenzene-d4	12.187	152	21326	5.711	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 114.200%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	23041	4.251	ug/L	98
3) Chloromethane	1.518	50	23251	4.287	ug/L	99
5) Vinyl chloride	1.602	62	24998	4.330	ug/L	100
6) Bromomethane	1.856	94	13124	4.360	ug/L	96
8) Chloroethane	1.933	64	15745	4.554	ug/L	97
9) Trichlorofluoromethane	2.136	101	40107	4.664	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	22665	4.534	ug/L	98
12) 1,1-Dichloroethene	2.576	96	20336	4.374	ug/L	92
13) Acetone	2.650	43	27112	42.909	ug/L	98
14) Carbon disulfide	2.788	76	63599	4.219	ug/L	99
15) Methyl Acetate	2.956	43	6693	4.117	ug/L	94
16) Methylene chloride	3.039	84	21827	4.374	ug/L	100
17) Methyl tert-butyl Ether	3.354	73	48508	4.388	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	21181	4.325	ug/L	99
19) 1,1-Dichloroethane	3.862	63	41418	4.580	ug/L	97
21) 2-Butanone	4.714	43	41453	41.826	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	24379	4.631	ug/L	98
23) Bromochloromethane	4.968	128	9570	4.525	ug/L	96
25) Chloroform	5.081	83	43284	4.511	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	26119	4.673	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	38330	4.476	ug/L	99
30) Cyclohexane	5.383	56	36496	4.418	ug/L	98
31) Carbon tetrachloride	5.518	117	33573	4.444	ug/L	100
33) Benzene	5.769	78	91466	4.571	ug/L	100
34) Trichloroethene	6.537	95	24884	4.511	ug/L	95
35) Methylcyclohexane	6.759	83	39910	4.479	ug/L	97
37) 1,2-Dichloropropane	6.785	63	23177	4.630	ug/L	99
38) Bromodichloromethane	7.100	83	29854	4.432	ug/L	95
39) cis-1,3-Dichloropropene	7.602	75	34640	4.453	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	105027	43.969	ug/L	99
42) Toluene	7.965	91	97940	4.540	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	28343	4.483	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	15036	4.618	ug/L	98
47) Tetrachloroethene	8.547	164	17688	4.364	ug/L	98
48) 2-Hexanone	8.682	43	73473	43.836	ug/L	97
49) Dibromochloromethane	8.804	129	18520	4.393	ug/L	98
50) 1,2-Dibromoethane	8.920	107	13941	4.412	ug/L	96
51) Chlorobenzene	9.441	112	60447	4.467	ug/L	100
52) Ethylbenzene	9.566	91	109812	4.517	ug/L	99
53) m,p-Xylene	9.688	106	39474	4.401	ug/L	98
54) o-Xylene	10.094	106	39074	4.469	ug/L	100
55) Styrene	10.110	104	58489	4.372	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	18395	4.657	ug/L	99
59) Bromoform	10.287	173	9783	4.526	ug/L	97
60) Isopropylbenzene	10.479	105	95682	4.589	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	12711	4.759	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	85248	4.588	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	86303	4.641	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	43304	4.550	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	40473	4.443	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	39613	4.665	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.994	75	2406	4.786	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	31791	4.551	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	23219	4.537	ug/L	99
71) Naphthalene	14.084	128	31808	4.391	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	17784	4.465	ug/L	97

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

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