Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111925\
Data File : VU063747.D
Acq On : 19 Nov 2025 15:04
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005148

Quant Time: Nov 20 03:40:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111925WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 20 03:09:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.223	114	159398	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.393	117	160661	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.788	152	110671	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.583	65	94020	5.528	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 110.600%			
7) Chloroethane-d5	1.891	69	82066	5.606	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 112.200%			
11) 1,1-Dichloroethene-d2	2.541	65	43936	5.620	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 112.400%			
20) 2-Butanone-d5	4.592	46	188708	63.870	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 127.740%			
24) Chloroform-d	5.030	84	203178	5.741	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 114.800%			
26) 1,2-Dichloroethane-d4	5.673	65	105104	5.760	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 115.200%			
32) Benzene-d6	5.695	84	396217	5.911	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 118.200%			
36) 1,2-Dichloropropane-d6	6.660	67	114077	6.022	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 120.400%			
41) Toluene-d8	7.872	98	380951	5.894	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 117.800%			
43) trans-1,3-Dichloroprop...	8.155	79	36609	5.745	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 115.000%			
46) 2-Hexanone-d5	8.608	63	150071	67.767	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 135.540%#			
56) 1,1,2,2-Tetrachloroeth...	10.730	84	90030	6.291	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 125.800%#			
66) 1,2-Dichlorobenzene-d4	12.168	152	138063	5.763	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 115.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.374	85	61197	5.206	ug/L	99
3) Chloromethane	1.502	50	46380	5.080	ug/L	95
5) Vinyl chloride	1.586	62	60795	5.244	ug/L	98
6) Bromomethane	1.834	94	38669	5.251	ug/L	94
8) Chloroethane	1.911	64	44315	5.188	ug/L	99
9) Trichlorofluoromethane	2.117	101	117919	5.180	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.554	101	71774	5.256	ug/L	97
12) 1,1-Dichloroethene	2.554	96	56173	5.338	ug/L	93
13) Acetone	2.605	43	142856	59.120	ug/L	100
14) Carbon disulfide	2.766	76	67778	4.684	ug/L	100
15) Methyl Acetate	2.930	43	27313	5.735	ug/L	96
16) Methylene chloride	3.014	84	102557	6.992	ug/L	96
17) Methyl tert-butyl Ether	3.335	73	195196	5.573	ug/L	100
18) trans-1,2-Dichloroethene	3.322	96	57973	5.136	ug/L	100
19) 1,1-Dichloroethane	3.834	63	140536	5.318	ug/L	99
21) 2-Butanone	4.673	43	198612	59.890	ug/L	97
22) cis-1,2-Dichloroethene	4.634	96	83385	5.328	ug/L	99
23) Bromochloromethane	4.943	128	36333	5.586	ug/L	96
25) Chloroform	5.055	83	161044	5.246	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.766	62	99972	5.545	ug/L	99
29) 1,1,1-Trichloroethane	5.284	97	123449	5.374	ug/L	99
30) Cyclohexane	5.354	56	88291	5.206	ug/L	97
31) Carbon tetrachloride	5.493	117	93099	5.349	ug/L	99
33) Benzene	5.743	78	296783	5.527	ug/L	100
34) Trichloroethene	6.515	95	87336	5.480	ug/L	95
35) Methylcyclohexane	6.734	83	94735	5.235	ug/L	99
37) 1,2-Dichloropropane	6.763	63	82286	5.458	ug/L	99
38) Bromodichloromethane	7.078	83	109277	5.504	ug/L	100
39) cis-1,3-Dichloropropene	7.579	75	108939	5.539	ug/L	95
40) 4-Methyl-2-pentanone	7.763	43	489000	60.282	ug/L	99
42) Toluene	7.943	91	331502	5.513	ug/L	98
44) trans-1,3-Dichloropropene	8.184	75	81985	5.493	ug/L	99
45) 1,1,2-Trichloroethane	8.374	97	66871	5.675	ug/L	97
47) Tetrachloroethene	8.528	164	61932	5.280	ug/L	96
48) 2-Hexanone	8.660	43	368350	62.667	ug/L	99
49) Dibromochloromethane	8.782	129	67336	5.607	ug/L	96
50) 1,2-Dibromoethane	8.898	107	57669	5.653	ug/L	95
51) Chlorobenzene	9.422	112	237723	5.380	ug/L	100
52) Ethylbenzene	9.547	91	398781	5.348	ug/L	99
53) m,p-Xylene	9.669	106	153806	5.463	ug/L	96
54) o-Xylene	10.074	106	151958	5.464	ug/L	98
55) Styrene	10.091	104	254885	5.574	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.756	83	79791	5.661	ug/L	98
59) Bromoform	10.264	173	35470	5.301	ug/L	99
60) Isopropylbenzene	10.460	105	424163	5.099	ug/L	100
61) 1,2,3-Trichloropropane	10.795	75	56870	5.457	ug/L	99
62) 1,3,5-Trimethylbenzene	11.065	105	356692	5.140	ug/L	99
63) 1,2,4-Trimethylbenzene	11.444	105	351789	5.222	ug/L	98
64) 1,3-Dichlorobenzene	11.721	146	197731	5.022	ug/L	98
65) 1,4-Dichlorobenzene	11.811	146	198520	4.975	ug/L	99
67) 1,2-Dichlorobenzene	12.187	146	183960	5.178	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.968	75	10047	5.241	ug/L	97
69) 1,3,5-Trichlorobenzene	13.190	180	148742	5.158	ug/L	99
70) 1,2,4-trichlorobenzene	13.814	180	119504	5.221	ug/L	97
71) Naphthalene	14.061	128	165572	5.075	ug/L	100
72) 1,2,3-Trichlorobenzene	14.303	180	98940	5.168	ug/L	99

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

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