Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091725\
Data File : VV039119.D
Acq On : 17 Sep 2025 09:29
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005358

Quant Time: Sep 18 01:30:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091525WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 17 02:19:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	381055	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	388618	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.172	152	191056	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	119826	3.987	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 79.800%			
7) Chloroethane-d5	1.542	69	113549	4.360	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.200%			
11) 1,1-Dichloroethene-d2	2.069	65	56856	3.971	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 79.400%			
20) 2-Butanone-d5	3.793	46	242905	54.417	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.840%			
24) Chloroform-d	4.249	84	300379	5.146	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.000%			
26) 1,2-Dichloroethane-d4	4.941	65	130277	5.300	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.000%			
32) Benzene-d6	4.960	84	514469	4.838	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.800%			
36) 1,2-Dichloropropane-d6	5.986	67	157044	4.941	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.800%			
41) Toluene-d8	7.236	98	486535	5.111	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.200%			
43) trans-1,3-Dichloroprop...	7.548	79	56802	4.886	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.800%			
46) 2-Hexanone-d5	8.014	63	188379	50.051	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.100%			
56) 1,1,2,2-Tetrachloroeth...	10.143	84	119923	5.285	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.600%			
66) 1,2-Dichlorobenzene-d4	11.548	152	136813	4.449	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	202860	5.077	ug/L	100
3) Chloromethane	1.227	50	197022	5.022	ug/L	98
5) Vinyl chloride	1.294	62	212151	5.084	ug/L	99
6) Bromomethane	1.500	94	121784	5.117	ug/L	98
8) Chloroethane	1.561	64	137569	5.291	ug/L	100
9) Trichlorofluoromethane	1.725	101	302743	5.386	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.079	101	179284	5.177	ug/L	98
12) 1,1-Dichloroethene	2.079	96	159914	5.111	ug/L	97
13) Acetone	2.124	43	207350	55.219	ug/L	97
14) Carbon disulfide	2.249	76	550700	5.145	ug/L	99
15) Methyl Acetate	2.388	43	51185	5.428	ug/L	97
16) Methylene chloride	2.455	84	174067	4.943	ug/L	92
17) Methyl tert-butyl Ether	2.709	73	276208	5.134	ug/L	97
18) trans-1,2-Dichloroethene	2.703	96	162345	5.098	ug/L	92
19) 1,1-Dichloroethane	3.118	63	332205	5.687	ug/L	98
21) 2-Butanone	3.873	43	276887	55.590	ug/L	99
22) cis-1,2-Dichloroethene	3.818	96	160636	5.168	ug/L	94
23) Bromochloromethane	4.150	128	73669	5.181	ug/L	94
25) Chloroform	4.275	83	335132	5.537	ug/L	98

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ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005358

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091525WMA.M
Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	182362	5.872	ug/L	97
29) 1,1,1-Trichloroethane	4.510	97	295386	5.520	ug/L	97
30) Cyclohexane	4.584	56	253411	5.340	ug/L	97
31) Carbon tetrachloride	4.732	117	256998	5.299	ug/L	96
33) Benzene	5.008	78	693612	5.670	ug/L	100
34) Trichloroethene	5.828	95	168665	5.115	ug/L	97
35) Methylcyclohexane	6.043	83	265356	5.143	ug/L	97
37) 1,2-Dichloropropane	6.085	63	183431	5.782	ug/L	100
38) Bromodichloromethane	6.426	83	228342	5.537	ug/L	96
39) cis-1,3-Dichloropropene	6.947	75	230969	5.488	ug/L	99
40) 4-Methyl-2-pentanone	7.146	43	780622	62.104	ug/L	97
42) Toluene	7.307	91	757210	5.939	ug/L	100
44) trans-1,3-Dichloropropene	7.574	75	191525	5.600	ug/L	97
45) 1,1,2-Trichloroethane	7.760	97	117372	5.387	ug/L	98
47) Tetrachloroethene	7.895	164	128375	4.981	ug/L	97
48) 2-Hexanone	8.063	43	532194	60.906	ug/L	97
49) Dibromochloromethane	8.166	129	132606	5.200	ug/L	93
50) 1,2-Dibromoethane	8.275	107	104202	5.331	ug/L	100
51) Chlorobenzene	8.802	112	437256	5.314	ug/L	98
52) Ethylbenzene	8.937	91	702062	5.345	ug/L	99
53) m,p-Xylene	9.063	106	270970	5.304	ug/L	96
54) o-Xylene	9.468	106	241453	5.152	ug/L	96
55) Styrene	9.487	104	457768	5.528	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.165	83	131109	5.400	ug/L	97
59) Bromoform	9.654	173	64988	4.795	ug/L	98
60) Isopropylbenzene	9.857	105	676402	5.293	ug/L	99
61) 1,2,3-Trichloropropane	10.198	75	87893	5.461	ug/L	99
62) 1,3,5-Trimethylbenzene	10.464	105	487805	4.972	ug/L	97
63) 1,2,4-Trimethylbenzene	10.841	105	492336	5.109	ug/L	98
64) 1,3-Dichlorobenzene	11.104	146	324722	5.207	ug/L	99
65) 1,4-Dichlorobenzene	11.198	146	331504	5.139	ug/L	98
67) 1,2-Dichlorobenzene	11.567	146	284119	5.142	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.355	75	17545	5.004	ug/L	92
69) 1,3,5-Trichlorobenzene	12.570	180	192742	4.717	ug/L	99
70) 1,2,4-trichlorobenzene	13.185	180	152209	4.947	ug/L	97
71) Naphthalene	13.426	128	216782	4.624	ug/L	100
72) 1,2,3-Trichlorobenzene	13.667	180	137360	5.007	ug/L	99

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

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