Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091625\
Data File : VV039115.D
Acq On : 16 Sep 2025 18:08
Operator : SY/MD
Sample : Q3084-19MS 100X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PMW-2(20250911)MS

Quant Time: Sep 17 02:26:37 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	5.535	114	364192	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	383532	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	178059	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	109544	3.814	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 76.200%			
7) Chloroethane-d5	1.545	69	110799	4.451	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.000%			
11) 1,1-Dichloroethene-d2	2.072	65	54599	3.990	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 79.800%			
20) 2-Butanone-d5	3.793	46	260492	61.059	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 122.120%			
24) Chloroform-d	4.256	84	281524	5.047	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.000%			
26) 1,2-Dichloroethane-d4	4.947	65	122640	5.220	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.400%			
32) Benzene-d6	4.963	84	489797	4.667	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.400%			
36) 1,2-Dichloropropane-d6	5.989	67	162026	5.165	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.400%			
41) Toluene-d8	7.239	98	449628	4.786	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.800%			
43) trans-1,3-Dichloroprop...	7.551	79	58206	5.073	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.400%			
46) 2-Hexanone-d5	8.014	63	209641	56.439	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 112.880%			
56) 1,1,2,2-Tetrachloroeth...	10.143	84	119639	5.342	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 106.800%			
66) 1,2-Dichlorobenzene-d4	11.551	152	125546	4.380	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 87.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	191737	5.021	ug/L	100
3) Chloromethane	1.227	50	194625	5.190	ug/L	100
5) Vinyl chloride	1.294	62	209939	5.264	ug/L	99
6) Bromomethane	1.497	94	106324	4.675	ug/L	99
8) Chloroethane	1.561	64	127674	5.138	ug/L	99
9) Trichlorofluoromethane	1.725	101	281151	5.233	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.079	101	172015	5.197	ug/L	98
12) 1,1-Dichloroethene	2.082	96	225013	7.525	ug/L	86
13) Acetone	2.121	43	197364	54.994	ug/L	96
14) Carbon disulfide	2.252	76	521558	5.098	ug/L	99
15) Methyl Acetate	2.387	43	54055	5.998	ug/L	95
16) Methylene chloride	2.455	84	178791	5.312	ug/L	93
17) Methyl tert-butyl Ether	2.712	73	268037	5.213	ug/L	98
18) trans-1,2-Dichloroethene	2.706	96	158831	5.218	ug/L	91
19) 1,1-Dichloroethane	3.117	63	1322014	23.680	ug/L	99
21) 2-Butanone	3.873	43	275083	57.785	ug/L	98
22) cis-1,2-Dichloroethene	3.821	96	253652	8.538	ug/L	92
23) Bromochloromethane	4.156	128	71046	5.228	ug/L	92
25) Chloroform	4.281	83	325614	5.629	ug/L	99

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Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	187756	6.326	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	288628	5.465	ug/L	97
30) Cyclohexane	4.587	56	241565	5.158	ug/L	97
31) Carbon tetrachloride	4.738	117	243788	5.093	ug/L	97
33) Benzene	5.011	78	680404	5.636	ug/L	100
34) Trichloroethene	5.831	95	347998	10.694	ug/L	97
35) Methylcyclohexane	6.050	83	257826	5.064	ug/L	97
37) 1,2-Dichloropropane	6.088	63	179467	5.732	ug/L	100
38) Bromodichloromethane	6.429	83	230248	5.657	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	218353	5.257	ug/L	97
40) 4-Methyl-2-pentanone	7.149	43	787960	63.520	ug/L	97
42) Toluene	7.310	91	724339	5.757	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	190208	5.635	ug/L	100
45) 1,1,2-Trichloroethane	7.763	97	125060	5.816	ug/L	96
47) Tetrachloroethene	7.898	164	133416	5.245	ug/L	98
48) 2-Hexanone	8.066	43	564996	65.517	ug/L	98
49) Dibromochloromethane	8.169	129	140137	5.568	ug/L	98
50) 1,2-Dibromoethane	8.278	107	110779	5.742	ug/L	97
51) Chlorobenzene	8.805	112	454347	5.595	ug/L	99
52) Ethylbenzene	8.937	91	711270	5.487	ug/L	98
53) m,p-Xylene	9.066	106	282254	5.598	ug/L	98
54) o-Xylene	9.468	106	253497	5.480	ug/L	99
55) Styrene	9.487	104	472484	5.782	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.169	83	135466	5.653	ug/L	96
59) Bromoform	9.657	173	70211	5.558	ug/L	99
60) Isopropylbenzene	9.857	105	688225	5.778	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	89104	5.941	ug/L	100
62) 1,3,5-Trimethylbenzene	10.468	105	455763	4.985	ug/L	100
63) 1,2,4-Trimethylbenzene	10.841	105	465071	5.178	ug/L	99
64) 1,3-Dichlorobenzene	11.107	146	313591	5.396	ug/L	97
65) 1,4-Dichlorobenzene	11.197	146	340017	5.656	ug/L	99
67) 1,2-Dichlorobenzene	11.567	146	268939	5.222	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.355	75	18073	5.531	ug/L	96
69) 1,3,5-Trichlorobenzene	12.570	180	183219	4.811	ug/L	98
70) 1,2,4-trichlorobenzene	13.188	180	132955	4.637	ug/L	98
71) Naphthalene	13.426	128	202259	4.629	ug/L	99
72) 1,2,3-Trichlorobenzene	13.667	180	122115	4.777	ug/L	98

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

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