

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV011725\
 Data File : VV038451.D
 Acq On : 17 Jan 2025 12:58
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV228

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/20/2025
 Supervised By :Semsettin Yesilyurt 01/21/2025

Quant Time: Jan 18 04:04:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 18 02:24:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	257484	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	257429	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	134712	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	104665	4.929	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	98.600%		
7) Chloroethane-d5	1.529	69	88409	4.958	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	99.200%		
11) 1,1-Dichloroethene-d2	2.050	65	46036	4.811	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	96.200%		
20) 2-Butanone-d5	3.825	46	254743	57.041	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery =	114.080%		
24) Chloroform-d	4.236	84	197642	4.966	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	99.400%		
26) 1,2-Dichloroethane-d4	4.934	65	92391	5.066	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	101.400%		
32) Benzene-d6	4.950	84	381099	5.375	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	107.600%		
36) 1,2-Dichloropropane-d6	5.979	67	115135	5.342	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	106.800%		
41) Toluene-d8	7.233	98	350415	5.502	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	110.000%		
43) trans-1,3-Dichloroprop...	7.551	79	45413	5.761	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	115.200%		
46) 2-Hexanone-d5	8.021	63	189291	60.863	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	121.720%		
56) 1,1,2,2-Tetrachloroeth...	10.143	84	94231	5.515	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	110.400%		
66) 1,2-Dichlorobenzene-d4	11.551	152	119788	5.254	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	105.000%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.105	85	138349	4.797	ug/L	100
3) Chloromethane	1.211	50	142967	4.845	ug/L	98
5) Vinyl chloride	1.278	62	146387	4.910	ug/L	98
6) Bromomethane	1.484	94	75583	5.068	ug/L	94
8) Chloroethane	1.545	64	84631	4.738	ug/L	98
9) Trichlorofluoromethane	1.709	101	178043	4.692	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	104159	4.802	ug/L	99
12) 1,1-Dichloroethene	2.063	96	99178	4.645	ug/L	94
13) Acetone	2.175	43	175513m	50.510	ug/L	
14) Carbon disulfide	2.233	76	352908	4.920	ug/L	100
15) Methyl Acetate	2.388	43	50533	5.692	ug/L	92
16) Methylene chloride	2.439	84	114667	4.846	ug/L	98
17) Methyl tert-butyl Ether	2.696	73	246522	5.487	ug/L	99
18) trans-1,2-Dichloroethene	2.687	96	109229	4.976	ug/L	99
19) 1,1-Dichloroethane	3.101	63	205295	4.914	ug/L	99
21) 2-Butanone	3.902	43	261371	53.026	ug/L	98
22) cis-1,2-Dichloroethene	3.806	96	112299	5.032	ug/L	100
23) Bromochloromethane	4.140	128	51425	5.064	ug/L	97
25) Chloroform	4.265	83	204501	4.952	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	118505	5.160	ug/L	98
29) 1,1,1-Trichloroethane	4.500	97	172255	5.033	ug/L	97
30) Cyclohexane	4.571	56	167406	5.370	ug/L	97
31) Carbon tetrachloride	4.725	117	150825	4.986	ug/L	100
33) Benzene	4.998	78	441857	5.405	ug/L	100
34) Trichloroethene	5.825	95	112387	5.290	ug/L	96
35) Methylcyclohexane	6.040	83	172044	5.313	ug/L	97
37) 1,2-Dichloropropane	6.082	63	110241	5.222	ug/L	98
38) Bromodichloromethane	6.423	83	142046	5.188	ug/L	100
39) cis-1,3-Dichloropropene	6.947	75	160571	5.518	ug/L	99
40) 4-Methyl-2-pentanone	7.149	43	662224	60.628	ug/L	99
42) Toluene	7.307	91	461021	5.411	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	136687	5.543	ug/L	95
45) 1,1,2-Trichloroethane	7.760	97	80624	5.310	ug/L	98
47) Tetrachloroethene	7.895	164	83003	5.048	ug/L	96
48) 2-Hexanone	8.069	43	502624	63.554	ug/L	100
49) Dibromochloromethane	8.169	129	92721	5.304	ug/L	98
50) 1,2-Dibromoethane	8.275	107	78616	5.564	ug/L	98
51) Chlorobenzene	8.805	112	298036	5.198	ug/L	99
52) Ethylbenzene	8.937	91	489132	5.337	ug/L	98
53) m,p-Xylene	9.066	106	185712	5.346	ug/L	94
54) o-Xylene	9.468	106	180331	5.448	ug/L	99
55) Styrene	9.487	104	318767	5.523	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.169	83	97237	5.259	ug/L	97
59) Bromoform	9.657	173	48407	5.153	ug/L	98
60) Isopropylbenzene	9.857	105	477992	5.273	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	69434	5.365	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	373478	5.261	ug/L	98
63) 1,2,4-Trimethylbenzene	10.844	105	377873	5.330	ug/L	99
64) 1,3-Dichlorobenzene	11.108	146	237560	5.283	ug/L	98
65) 1,4-Dichlorobenzene	11.201	146	243294	5.233	ug/L	99
67) 1,2-Dichlorobenzene	11.571	146	219032	5.201	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.358	75	14928	5.580	ug/L #	85
69) 1,3,5-Trichlorobenzene	12.574	180	160429	5.187	ug/L	99
70) 1,2,4-trichlorobenzene	13.188	180	133944	5.827	ug/L	99
71) Naphthalene	13.432	128	259779	7.629	ug/L	98
72) 1,2,3-Trichlorobenzene	13.670	180	128845	6.483	ug/L	98

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

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