

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV012025\
 Data File : VV038453.D
 Acq On : 20 Jan 2025 09:59
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005328

Quant Time: Jan 21 00:46:54 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	206408	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	216931	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	113179	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	85330	5.013	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.200%
7) Chloroethane-d5	1.532	69	73555	5.146	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.000%
11) 1,1-Dichloroethene-d2	2.053	65	39215	5.112	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.200%
20) 2-Butanone-d5	3.838	46	194168	54.236	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.480%
24) Chloroform-d	4.239	84	165035	5.173	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
26) 1,2-Dichloroethane-d4	4.934	65	78326	5.358	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.200%
32) Benzene-d6	4.950	84	312495	5.230	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
36) 1,2-Dichloropropane-d6	5.979	67	94613	5.210	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.200%
41) Toluene-d8	7.233	98	289962	5.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.000%
43) trans-1,3-Dichloroprop...	7.548	79	35293	5.313	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.200%
46) 2-Hexanone-d5	8.021	63	136015	51.897	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.800%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	82628	5.739	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.800%
66) 1,2-Dichlorobenzene-d4	11.551	152	97953	5.113	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.200%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.105	85	122308	5.290	ug/L	99
3) Chloromethane	1.214	50	119949	5.070	ug/L	100
5) Vinyl chloride	1.281	62	123199	5.154	ug/L	100
6) Bromomethane	1.487	94	63551	5.315	ug/L	94
8) Chloroethane	1.548	64	72513	5.064	ug/L	100
9) Trichlorofluoromethane	1.712	101	156169	5.134	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	93187	5.359	ug/L	99
12) 1,1-Dichloroethene	2.066	96	87587	5.117	ug/L	98
13) Acetone	2.166	43	133997m	48.104	ug/L	
14) Carbon disulfide	2.236	76	295007	5.130	ug/L	99
15) Methyl Acetate	2.391	43	36401	5.115	ug/L	100
16) Methylene chloride	2.442	84	96374	5.080	ug/L	97
17) Methyl tert-butyl Ether	2.696	73	194270	5.394	ug/L	98
18) trans-1,2-Dichloroethene	2.690	96	89010	5.058	ug/L	98
19) 1,1-Dichloroethane	3.104	63	173390	5.178	ug/L	97
21) 2-Butanone	3.912	43	200512	50.745	ug/L #	67
22) cis-1,2-Dichloroethene	3.809	96	93021	5.199	ug/L	97
23) Bromochloromethane	4.143	128	44511	5.468	ug/L	92
25) Chloroform	4.265	83	169858	5.130	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	100278	5.446	ug/L	100
29) 1,1,1-Trichloroethane	4.500	97	146021	5.063	ug/L	99
30) Cyclohexane	4.571	56	138887	5.287	ug/L	97
31) Carbon tetrachloride	4.722	117	131451	5.157	ug/L	99
33) Benzene	4.998	78	364309	5.289	ug/L	100
34) Trichloroethene	5.825	95	92692	5.178	ug/L	95
35) Methylcyclohexane	6.040	83	143237	5.249	ug/L	96
37) 1,2-Dichloropropane	6.085	63	95013	5.341	ug/L	100
38) Bromodichloromethane	6.426	83	117821	5.107	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	130295	5.313	ug/L	98
40) 4-Methyl-2-pentanone	7.153	43	540411	58.712	ug/L	99
42) Toluene	7.307	91	390197	5.435	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	112193	5.399	ug/L	99
45) 1,1,2-Trichloroethane	7.760	97	71407	5.581	ug/L	96
47) Tetrachloroethene	7.895	164	73875	5.332	ug/L	96
48) 2-Hexanone	8.069	43	381263	57.209	ug/L	100
49) Dibromochloromethane	8.165	129	79134	5.372	ug/L	99
50) 1,2-Dibromoethane	8.275	107	66529	5.588	ug/L	100
51) Chlorobenzene	8.805	112	247807	5.129	ug/L	98
52) Ethylbenzene	8.937	91	396417	5.133	ug/L	100
53) m,p-Xylene	9.062	106	155844	5.324	ug/L	96
54) o-Xylene	9.468	106	142735	5.117	ug/L	99
55) Styrene	9.487	104	262656	5.400	ug/L	99
57) 1,1,1,2-Tetrachloroethane	10.168	83	87913	5.642	ug/L	95
59) Bromoform	9.657	173	41382	5.243	ug/L	96
60) Isopropylbenzene	9.857	105	394795	5.184	ug/L	98
61) 1,2,3-Trichloropropane	10.201	75	59855	5.504	ug/L	95
62) 1,3,5-Trimethylbenzene	10.467	105	297839	4.994	ug/L	99
63) 1,2,4-Trimethylbenzene	10.840	105	302803	5.084	ug/L	100
64) 1,3-Dichlorobenzene	11.107	146	196002	5.188	ug/L	100
65) 1,4-Dichlorobenzene	11.201	146	203530	5.211	ug/L	98
67) 1,2-Dichlorobenzene	11.570	146	184969	5.228	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	10116	4.501	ug/L #	83
69) 1,3,5-Trichlorobenzene	12.574	180	124342	4.785	ug/L	97
70) 1,2,4-trichlorobenzene	13.191	180	90678	4.695	ug/L	98
71) Naphthalene	13.432	128	113047	3.951	ug/L	99
72) 1,2,3-Trichlorobenzene	13.670	180	77283	4.628	ug/L	100

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

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