

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW020725\
 Data File : VW038640.D
 Acq On : 07 Feb 2025 10:09
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005340

Quant Time: Feb 12 13:06:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020625WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 11 12:57:51 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 02/14/2025
 Supervised By :Mahesh Dadoda 02/14/2025

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	193073	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.777	117	196526	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	103295	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	89062	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.529	69	68690	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.053	65	37496	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.80%
20) 2-Butanone-d5	3.828	46	159347m	45.96	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.92%
24) Chloroform-d	4.240	84	152862	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	4.934	65	67722	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	4.950	84	291573	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	5.979	67	83284	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.233	98	265332	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
43) trans-1,3-Dichloroprop...	7.551	79	31773	5.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.60%
46) 2-Hexanone-d5	8.024	63	107072	44.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.40%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	65625	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.60%
66) 1,2-Dichlorobenzene-d4	11.551	152	84729	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	115936	5.05	ug/L	99
3) Chloromethane	1.214	50	105576	4.91	ug/L	100
5) Vinyl chloride	1.282	62	113903	5.00	ug/L	94
6) Bromomethane	1.484	94	58736	5.98	ug/L	99
8) Chloroethane	1.549	64	68627	4.86	ug/L	97
9) Trichlorofluoromethane	1.709	101	153691	5.05	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	88931	5.26	ug/L	99
12) 1,1-Dichloroethene	2.063	96	82608	5.02	ug/L	98
13) Acetone	2.159	43	115630m	45.41	ug/L	
14) Carbon disulfide	2.233	76	279171	5.16	ug/L	99
15) Methyl Acetate	2.388	43	26152	3.99	ug/L	92
16) Methylene chloride	2.439	84	88752	4.75	ug/L	99
17) Methyl tert-butyl Ether	2.700	73	172314	5.13	ug/L	99
18) trans-1,2-Dichloroethene	2.687	96	89048	5.42	ug/L	97
19) 1,1-Dichloroethane	3.102	63	165536	5.23	ug/L	99
21) 2-Butanone	3.909	43	161219	42.19	ug/L	98
22) cis-1,2-Dichloroethene	3.806	96	86300	5.09	ug/L	96
23) Bromochloromethane	4.140	128	39250	4.87	ug/L	100
25) Chloroform	4.262	83	165487	5.23	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	90642	4.87	ug/L	97
29) 1,1,1-Trichloroethane	4.500	97	142204	5.13	ug/L	99
30) Cyclohexane	4.571	56	133580	5.58	ug/L	97
31) Carbon tetrachloride	4.722	117	125733	5.20	ug/L	99
33) Benzene	4.999	78	354178	5.69	ug/L	100
34) Trichloroethene	5.825	95	90332	5.65	ug/L	97
35) Methylcyclohexane	6.040	83	140693	5.60	ug/L	98
37) 1,2-Dichloropropane	6.082	63	85249	5.42	ug/L	98
38) Bromodichloromethane	6.423	83	109504	5.07	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	119218	5.57	ug/L	98
40) 4-Methyl-2-pentanone	7.150	43	424338	51.39	ug/L	98
42) Toluene	7.304	91	369582	5.59	ug/L	97
44) trans-1,3-Dichloropropene	7.577	75	96429	5.36	ug/L	99
45) 1,1,2-Trichloroethane	7.760	97	61575	5.01	ug/L	96
47) Tetrachloroethene	7.896	164	67839	5.46	ug/L	92
48) 2-Hexanone	8.069	43	308702	50.66	ug/L	98
49) Dibromochloromethane	8.166	129	67782	4.97	ug/L	98
50) 1,2-Dibromoethane	8.275	107	55957	4.92	ug/L	96
51) Chlorobenzene	8.805	112	233040	5.37	ug/L	99
52) Ethylbenzene	8.937	91	387783	5.53	ug/L	99
53) m,p-Xylene	9.063	106	149650	5.79	ug/L	93
54) o-Xylene	9.468	106	138012	5.47	ug/L	98
55) Styrene	9.487	104	248008	5.82	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.169	83	72296	4.78	ug/L	97
59) Bromoform	9.661	173	32957	4.77	ug/L	97
60) Isopropylbenzene	9.857	105	382792	5.63	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	49576	4.66	ug/L	98
62) 1,3,5-Trimethylbenzene	10.468	105	288874	5.39	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	297103	5.58	ug/L	99
64) 1,3-Dichlorobenzene	11.108	146	183216	5.39	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	184010	5.32	ug/L	98
67) 1,2-Dichlorobenzene	11.567	146	166016	5.21	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.358	75	9097	4.20	ug/L	90
69) 1,3,5-Trichlorobenzene	12.574	180	121060	5.43	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	88842	5.27	ug/L	99
71) Naphthalene	13.432	128	117210	4.34	ug/L	98
72) 1,2,3-Trichlorobenzene	13.670	180	78414	5.02	ug/L	98

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

