

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW020625\
 Data File : VW038632.D
 Acq On : 06 Feb 2025 14:53
 Operator : SY/MD
 Sample : VSTD0.529
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5229

Quant Time: Feb 11 11:48:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020625WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 11 11:28:39 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 02/11/2025
 Supervised By :Mahesh Dadoda 02/12/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	5.529	114	160799	5.00 ug/L	0.00
28) Chlorobenzene-d5	8.776	117	164570	5.00 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	74786	5.00 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.278	65	8662	0.62 ug/L	0.00
7) Chloroethane-d5	1.529	69	6775	0.59 ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	3773	0.61 ug/L	0.00
20) 2-Butanone-d5	3.892	46	13550m	4.84 ug/L	0.09
24) Chloroform-d	4.249	84	13178	0.52 ug/L	0.01
26) 1,2-Dichloroethane-d4	4.957	65	5128	0.45 ug/L	0.02
32) Benzene-d6	4.966	84	21677	0.46 ug/L	0.02
36) 1,2-Dichloropropane-d6	5.995	67	6133	0.44 ug/L	0.02
41) Toluene-d8	7.246	98	16884	0.40 ug/L	0.01
43) trans-1,3-Dichloroprop...	7.574	79	2184	0.43 ug/L	0.03
46) 2-Hexanone-d5	8.050	63	7110m	3.59 ug/L	0.03
56) 1,1,2,2-Tetrachloroeth...	10.153	84	6042	0.54 ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	6467	0.50 ug/L	0.00
Target Compounds					
2) Dichlorodifluoromethane	1.105	85	10921	0.61 ug/L	99
3) Chloromethane	1.214	50	9499	0.52 ug/L	93
5) Vinyl chloride	1.282	62	10553	0.57 ug/L	94
6) Bromomethane	1.487	94	3929	0.43 ug/L	99
8) Chloroethane	1.548	64	6724	0.60 ug/L	94
9) Trichlorofluoromethane	1.712	101	13701	0.58 ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	7610	0.57 ug/L	96
12) 1,1-Dichloroethene	2.066	96	7485	0.56 ug/L	98
13) Acetone	2.156	43	12275m	5.72 ug/L	
14) Carbon disulfide	2.236	76	23756	0.53 ug/L	98
15) Methyl Acetate	2.413	43	2833m	0.52 ug/L	
16) Methylene chloride	2.445	84	9472	0.64 ug/L	93
17) Methyl tert-butyl Ether	2.706	73	13771	0.50 ug/L	98
18) trans-1,2-Dichloroethene	2.693	96	6883	0.50 ug/L	96
19) 1,1-Dichloroethane	3.111	63	14107	0.54 ug/L	92
21) 2-Butanone	3.963	43	16607m	5.50 ug/L	
22) cis-1,2-Dichloroethene	3.825	96	6888	0.50 ug/L	96
23) Bromochloromethane	4.153	128	3848	0.61 ug/L #	60
25) Chloroform	4.278	83	13491	0.52 ug/L	98
27) 1,2-Dichloroethane	5.056	62	8393m	0.59 ug/L	
29) 1,1,1-Trichloroethane	4.506	97	12503	0.57 ug/L	97
30) Cyclohexane	4.574	56	9495	0.48 ug/L	98
31) Carbon tetrachloride	4.728	117	11044	0.57 ug/L	98
33) Benzene	5.014	78	23882	0.46 ug/L	100
34) Trichloroethene	5.844	95	6571	0.49 ug/L	94
35) Methylcyclohexane	6.040	83	10827	0.53 ug/L	91
37) 1,2-Dichloropropane	6.095	63	6218	0.47 ug/L #	89
38) Bromodichloromethane	6.436	83	9875	0.56 ug/L	94
39) cis-1,3-Dichloropropene	6.973	75	7410	0.40 ug/L	88
40) 4-Methyl-2-pentanone	7.165	43	27201	3.93 ug/L	98
42) Toluene	7.317	91	24474	0.45 ug/L	97
44) trans-1,3-Dichloropropene	7.600	75	6272	0.40 ug/L	95

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45) 1,1,2-Trichloroethane	7.773	97	5268	0.54	ug/L	91
47) Tetrachloroethene	7.905	164	5445	0.52	ug/L	95
48) 2-Hexanone	8.098	43	22942m	4.62	ug/L	
49) Dibromochloromethane	8.175	129	5842	0.53	ug/L	86
50) 1,2-Dibromoethane	8.291	107	4859	0.54	ug/L #	94
51) Chlorobenzene	8.812	112	18454	0.51	ug/L	91
52) Ethylbenzene	8.947	91	26459	0.45	ug/L	96
53) m,p-Xylene	9.075	106	8810	0.40	ug/L	99
54) o-Xylene	9.477	106	9117	0.43	ug/L	93
55) Styrene	9.503	104	13117	0.36	ug/L	87
57) 1,1,2,2-Tetrachloroethane	10.175	83	6655	0.56	ug/L	93
59) Bromoform	9.664	173	2504	0.49	ug/L #	95
60) Isopropylbenzene	9.860	105	21637	0.43	ug/L #	95
61) 1,2,3-Trichloropropane	10.214	75	4485	0.63	ug/L	95
62) 1,3,5-Trimethylbenzene	10.471	105	18103	0.47	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	16935	0.44	ug/L	98
64) 1,3-Dichlorobenzene	11.117	146	12276	0.50	ug/L	96
65) 1,4-Dichlorobenzene	11.204	146	12914	0.51	ug/L	97
67) 1,2-Dichlorobenzene	11.580	146	11912	0.52	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.381	75	847m	0.59	ug/L	
69) 1,3,5-Trichlorobenzene	12.580	180	8567	0.51	ug/L	96
70) 1,2,4-trichlorobenzene	13.201	180	5217	0.42	ug/L #	85
71) Naphthalene	13.448	128	9297m	0.50	ug/L	
72) 1,2,3-Trichlorobenzene	13.677	180	5277	0.49	ug/L #	91

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

