

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW020625\
 Data File : VW038633.D
 Acq On : 06 Feb 2025 15:17
 Operator : SY/MD
 Sample : VSTD00130
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001230

Quant Time: Feb 11 11:49:02 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	165085	5.00 ug/L	0.00
28) Chlorobenzene-d5	8.780	117	174556	5.00 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	81472	5.00 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.278	65	16367	1.14 ug/L	0.00
7) Chloroethane-d5	1.529	69	12375	1.05 ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	6861	1.07 ug/L	0.00
20) 2-Butanone-d5	3.889	46	27381m	9.53 ug/L	0.09
24) Chloroform-d	4.246	84	24666	0.95 ug/L	0.00
26) 1,2-Dichloroethane-d4	4.953	65	10892	0.92 ug/L	0.02
32) Benzene-d6	4.960	84	42472	0.86 ug/L	0.00
36) 1,2-Dichloropropane-d6	5.995	67	13903	0.93 ug/L	0.02
41) Toluene-d8	7.243	98	37127	0.84 ug/L	0.00
43) trans-1,3-Dichloroprop...	7.567	79	4272	0.79 ug/L	0.02
46) 2-Hexanone-d5	8.040	63	16765m	7.98 ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.149	84	12251	1.04 ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	12429	0.89 ug/L	0.00
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.105	85	19695	1.07 ug/L	99
3) Chloromethane	1.214	50	20133	1.07 ug/L	100
5) Vinyl chloride	1.282	62	19599	1.03 ug/L	89
6) Bromomethane	1.487	94	7940	0.85 ug/L	99
8) Chloroethane	1.548	64	13681	1.20 ug/L	98
9) Trichlorofluoromethane	1.712	101	26818	1.10 ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	14537	1.05 ug/L	94
12) 1,1-Dichloroethene	2.066	96	14378	1.05 ug/L	94
13) Acetone	2.156	43	22286	10.11 ug/L	63
14) Carbon disulfide	2.236	76	46845	1.02 ug/L	98
15) Methyl Acetate	2.400	43	6463m	1.15 ug/L	
16) Methylene chloride	2.445	84	16410	1.08 ug/L	97
17) Methyl tert-butyl Ether	2.703	73	27167	0.96 ug/L	98
18) trans-1,2-Dichloroethene	2.693	96	13792	0.98 ug/L	94
19) 1,1-Dichloroethane	3.108	63	27064	1.01 ug/L	99
21) 2-Butanone	3.953	43	33922m	10.93 ug/L	
22) cis-1,2-Dichloroethene	3.822	96	14165	0.99 ug/L	96
23) Bromochloromethane	4.156	128	6700	1.03 ug/L	88
25) Chloroform	4.275	83	27334	1.03 ug/L	96
27) 1,2-Dichloroethane	5.053	62	16170	1.10 ug/L	97
29) 1,1,1-Trichloroethane	4.506	97	25312	1.08 ug/L	96
30) Cyclohexane	4.571	56	18477	0.88 ug/L	95
31) Carbon tetrachloride	4.732	117	20921	1.02 ug/L	95
33) Benzene	5.011	78	49805	0.90 ug/L	100
34) Trichloroethene	5.838	95	13125	0.92 ug/L	96
35) Methylcyclohexane	6.043	83	18930	0.88 ug/L	96
37) 1,2-Dichloropropane	6.095	63	12682	0.90 ug/L #	97
38) Bromodichloromethane	6.436	83	18274	0.99 ug/L #	95
39) cis-1,3-Dichloropropene	6.966	75	16330	0.84 ug/L	92
40) 4-Methyl-2-pentanone	7.159	43	62998	8.57 ug/L	98
42) Toluene	7.317	91	51799	0.90 ug/L	98
44) trans-1,3-Dichloropropene	7.593	75	13113	0.79 ug/L	98

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45) 1,1,2-Trichloroethane	7.773	97	10718	1.04	ug/L	95
47) Tetrachloroethene	7.902	164	10428	0.94	ug/L	91
48) 2-Hexanone	8.085	43	42530	8.08	ug/L #	90
49) Dibromochloromethane	8.172	129	11465	0.97	ug/L	94
50) 1,2-Dibromoethane	8.288	107	9917	1.04	ug/L	80
51) Chlorobenzene	8.812	112	36063	0.94	ug/L	99
52) Ethylbenzene	8.944	91	52517	0.85	ug/L	99
53) m,p-Xylene	9.072	106	18718	0.80	ug/L	88
54) o-Xylene	9.474	106	18505	0.83	ug/L	99
55) Styrene	9.497	104	29571	0.76	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.172	83	13505	1.07	ug/L	94
59) Bromoform	9.664	173	5825	1.04	ug/L #	92
60) Isopropylbenzene	9.860	105	48725	0.90	ug/L	98
61) 1,2,3-Trichloropropane	10.210	75	9477	1.22	ug/L	98
62) 1,3,5-Trimethylbenzene	10.471	105	36501	0.86	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	35718	0.85	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	26673	0.99	ug/L	97
65) 1,4-Dichlorobenzene	11.204	146	26882	0.97	ug/L	96
67) 1,2-Dichlorobenzene	11.574	146	25083	1.00	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.371	75	1833	1.17	ug/L #	79
69) 1,3,5-Trichlorobenzene	12.577	180	17248	0.95	ug/L	97
70) 1,2,4-trichlorobenzene	13.197	180	12818	0.94	ug/L	97
71) Naphthalene	13.445	128	17696	0.87	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	10819	0.92	ug/L	97

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

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