

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121323\
 Data File : VW033270.D
 Acq On : 13 Dec 2023 10:42
 Operator : SY/MD
 Sample : VSTD00117
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001217

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/16/2023
 Supervised By :Mahesh Dadoda 12/18/2023

Quant Time: Dec 13 23:00:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 13 22:59:35 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	142302	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	136168	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	71250	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	8272	0.718	ug/L	0.00
7) Chloroethane-d5	1.532	69	6325	0.587	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	3581	0.703	ug/L	0.00
20) 2-Butanone-d5	3.873	46	8957m	5.857	ug/L	0.04
24) Chloroform-d	4.256	84	18485	0.895	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.953	65	8070	0.881	ug/L	0.00
32) Benzene-d6	4.970	84	33414	0.937	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.998	67	7551	0.776	ug/L	0.00
41) Toluene-d8	7.249	98	30932	0.910	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.567	79	3385	0.861	ug/L	0.01
46) 2-Hexanone-d5	8.040	63	8032	6.169	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.159	84	5125	0.721	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.564	152	12025	0.959	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	16920	1.036	ug/L	97
3) Chloromethane	1.214	50	9835	0.682	ug/L	99
5) Vinyl chloride	1.282	62	9859	0.708	ug/L	94
6) Bromomethane	1.487	94	6083	0.615	ug/L	95
8) Chloroethane	1.548	64	6020	0.596	ug/L	91
9) Trichlorofluoromethane	1.716	101	18411	0.821	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	8262	0.675	ug/L	95
12) 1,1-Dichloroethene	2.069	96	8105	0.712	ug/L	98
13) Acetone	2.169	43	7905m	5.658	ug/L	
14) Carbon disulfide	2.240	76	25468	0.759	ug/L	100
15) Methyl Acetate	2.404	43	2203m	0.712	ug/L	
16) Methylene chloride	2.449	84	9111	0.664	ug/L	93
17) Methyl tert-butyl Ether	2.706	73	14889	0.752	ug/L	97
18) trans-1,2-Dichloroethene	2.696	96	9496	0.845	ug/L	97
19) 1,1-Dichloroethane	3.114	63	14734	0.755	ug/L	97
21) 2-Butanone	3.944	43	10973m	6.334	ug/L	
22) cis-1,2-Dichloroethene	3.828	96	9600	0.824	ug/L	93
23) Bromochloromethane	4.166	128	4236	0.804	ug/L #	91
25) Chloroform	4.281	83	17413	0.797	ug/L	94
27) 1,2-Dichloroethane	5.050	62	9921	0.847	ug/L #	88
29) 1,1,1-Trichloroethane	4.516	97	19131	1.004	ug/L	97
30) Cyclohexane	4.580	56	11225	0.857	ug/L #	91
31) Carbon tetrachloride	4.735	117	16897	1.009	ug/L	100
33) Benzene	5.015	78	34813	0.879	ug/L	100
34) Trichloroethene	5.838	95	10264	0.923	ug/L	95
35) Methylcyclohexane	6.050	83	14714	0.974	ug/L	98
37) 1,2-Dichloropropane	6.104	63	7127	0.754	ug/L #	96
38) Bromodichloromethane	6.436	83	11269	0.829	ug/L	99
39) cis-1,3-Dichloropropene	6.963	75	10693	0.786	ug/L	88
40) 4-Methyl-2-pentanone	7.169	43	22351	6.065	ug/L	96
42) Toluene	7.320	91	37811	0.861	ug/L	98
44) trans-1,3-Dichloropropene	7.590	75	9221	0.837	ug/L	96

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45) 1,1,2-Trichloroethane	7.776	97	5373	0.774	ug/L	97
47) Tetrachloroethene	7.908	164	9538	0.992	ug/L	97
48) 2-Hexanone	8.088	43	15074	5.475	ug/L	96
49) Dibromochloromethane	8.182	129	7734	0.896	ug/L	98
50) 1,2-Dibromoethane	8.291	107	5182	0.782	ug/L #	80
51) Chlorobenzene	8.818	112	27536	0.930	ug/L	94
52) Ethylbenzene	8.950	91	41570	0.896	ug/L	94
53) m,p-Xylene	9.075	106	16395	0.896	ug/L	95
54) o-Xylene	9.481	106	16381	0.949	ug/L	90
55) Styrene	9.500	104	25973	0.880	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.182	83	5309	0.700	ug/L	94
59) Bromoform	9.670	173	4296	0.944	ug/L	99
60) Isopropylbenzene	9.870	105	44190	0.978	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	3619	0.730	ug/L	93
62) 1,3,5-Trimethylbenzene	10.477	105	34001	0.945	ug/L	98
63) 1,2,4-Trimethylbenzene	10.854	105	34009	0.944	ug/L	98
64) 1,3-Dichlorobenzene	11.120	146	22571	0.943	ug/L	94
65) 1,4-Dichlorobenzene	11.210	146	22393	0.919	ug/L	97
67) 1,2-Dichlorobenzene	11.583	146	20524	0.973	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.371	75	958	0.786	ug/L #	80
69) 1,3,5-Trichlorobenzene	12.583	180	17718	0.976	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	13054	0.891	ug/L	98
71) Naphthalene	13.445	128	14636	0.753	ug/L	98
72) 1,2,3-Trichlorobenzene	13.683	180	10871	0.875	ug/L	97

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

