

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112222\
 Data File : VW029264.D
 Acq On : 22 Nov 2022 15:53
 Operator : SY/MD
 Sample : VSTD00104
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001204

Quant Time: Nov 23 01:01:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 23 01:00:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	43	5.000	ug/L	# 0.00
28) Chlorobenzene-d5	8.722	117	249870	5.000	ug/L	-0.12
58) 1,4-Dichlorobenzene-d4	11.210	152	121449	5.000	ug/L	-0.03
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.092	65	10651	2596.731	ug/L	-0.21
7) Chloroethane-d5	1.539	69	67	20.867	ug/L	-0.03
11) 1,1-Dichloroethene-d2	2.172	63	41254	5904.361	ug/L	0.07
20) 2-Butanone-d5	3.899	46	44	72.671	ug/L	-0.01
24) Chloroform-d	4.255	84	72927	12537.025	ug/L	-0.08
26) 1,2-Dichloroethane-d4	5.027	65	151	54.882	ug/L	0.00
32) Benzene-d6	5.027	84	310	0.004	ug/L	-0.02
36) 1,2-Dichloropropane-d6	6.017	67	20	0.001	ug/L	-0.05
41) Toluene-d8	7.043	98	62487	0.851	ug/L	-0.27
43) trans-1,3-Dichloroprop...	7.406	79	7356	0.858	ug/L	-0.21
46) 2-Hexanone-d5	7.927	63	11758	7.852	ug/L	-0.16
56) 1,1,2,2-Tetrachloroeth...	10.159	84	11258	0.880	ug/L	-0.05
66) 1,2-Dichlorobenzene-d4	11.590	152	21106	0.901	ug/L	-0.03
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.104	85	9052	2520.533	ug/L	97
3) Chloromethane	1.233	50	217	43.957	ug/L #	42
5) Vinyl chloride	1.101	62	3574	754.644	ug/L	86
6) Bromomethane	1.744	94	354	135.198	ug/L #	1
8) Chloroethane	1.635	64	20	7.047	ug/L #	42
12) 1,1-Dichloroethene	2.140	96	45	14.182	ug/L #	1
13) Acetone	2.182	43	156	310.587	ug/L	94
14) Carbon disulfide	2.339	76	41	4.576	ug/L #	75
15) Methyl Acetate	2.439	43	72	55.278	ug/L #	53
17) Methyl tert-butyl Ether	2.754	73	20	2.869	ug/L #	1
18) trans-1,2-Dichloroethene	2.892	96	22012	6827.493	ug/L	89
19) 1,1-Dichloroethane	3.243	63	339	52.172	ug/L #	50
21) 2-Butanone	4.014	43	188	236.450	ug/L	96
22) cis-1,2-Dichloroethene	3.886	96	20	5.685	ug/L #	1
25) Chloroform	4.255	83	2168	350.720	ug/L #	1
27) 1,2-Dichloroethane	5.021	62	10612	3133.681	ug/L #	75
35) Methylcyclohexane	6.120	83	24181	0.625	ug/L #	16
40) 4-Methyl-2-pentanone	6.963	43	100824	8.465	ug/L	98
42) Toluene	7.124	91	85298	0.912	ug/L	99
44) trans-1,3-Dichloropropene	7.432	75	20399	0.867	ug/L	93
45) 1,1,2-Trichloroethane	7.632	97	12808	0.915	ug/L	97
47) Tetrachloroethene	7.773	164	14691	0.934	ug/L	98
48) 2-Hexanone	7.982	43	75586	8.252	ug/L	99
49) Dibromochloromethane	8.072	129	13361	0.913	ug/L	99
50) 1,2-Dibromoethane	8.181	107	10700	0.903	ug/L	98
51) Chlorobenzene	8.750	112	53780	0.946	ug/L	99
52) Ethylbenzene	8.895	91	90621	0.900	ug/L	95
53) m,p-Xylene	9.030	106	34191	0.915	ug/L	99
54) o-Xylene	9.451	106	33924	0.928	ug/L	98
55) Styrene	9.474	104	58033	0.928	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.185	83	11736	0.938	ug/L	95
59) Bromoform	9.648	173	6768	0.950	ug/L #	97

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

60) Isopropylbenzene	9.860	105	90664	0.926	ug/L	98
61) 1,2,3-Trichloropropane	10.213	75	11329	0.975	ug/L	94
62) 1,3,5-Trimethylbenzene	10.487	105	76349	0.918	ug/L	100
63) 1,2,4-Trimethylbenzene	10.869	105	75982	0.918	ug/L	99
64) 1,3-Dichlorobenzene	11.139	146	40146	0.937	ug/L	99
65) 1,4-Dichlorobenzene	11.233	146	38943	0.927	ug/L	96
67) 1,2-Dichlorobenzene	11.609	146	35294	0.909	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.400	75	1766	1.012	ug/L #	89
69) 1,3,5-Trichlorobenzene	12.622	180	29625	0.887	ug/L	98
70) 1,2,4-trichlorobenzene	13.242	180	22113	0.854	ug/L	99
71) Naphthalene	13.487	128	5877	0.642	ug/L	99
72) 1,2,3-Trichlorobenzene	13.725	180	17986	0.862	ug/L	98

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

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