

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091722\
 Data File : VW027901.D
 Acq On : 17 Sep 2022 15:06
 Operator : SY/MD
 Sample : VSTD01037
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010237

Quant Time: Sep 19 02:20:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Sep 19 02:17:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	203556	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	202796	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	118660	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	154885	9.532	ug/L	0.00
7) Chloroethane-d5	1.564	69	112505	9.794	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	264163	10.333	ug/L	0.00
20) 2-Butanone-d5	3.883	46	266698	103.501	ug/L	0.00
24) Chloroform-d	4.342	84	291377	9.727	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	144347	9.610	ug/L	0.00
32) Benzene-d6	5.043	84	547779	9.795	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	141062	9.654	ug/L	0.00
41) Toluene-d8	7.310	98	520966	10.063	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	63601	10.169	ug/L	0.00
46) 2-Hexanone-d5	8.085	63	228873	110.333	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	99296	9.824	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	191566	9.222	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	160571	9.829	ug/L	97
3) Chloromethane	1.236	50	123073	9.527	ug/L	99
5) Vinyl chloride	1.307	62	140421	9.611	ug/L	99
6) Bromomethane	1.519	94	77044	9.787	ug/L	99
8) Chloroethane	1.584	64	81578	9.790	ug/L	98
9) Trichlorofluoromethane	1.751	101	235708	9.692	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	122389	10.472	ug/L	93
12) 1,1-Dichloroethene	2.114	96	112810	10.113	ug/L	87
13) Acetone	2.179	43	173313	100.942	ug/L	86
14) Carbon disulfide	2.291	76	273755	10.167	ug/L	99
15) Methyl Acetate	2.433	43	37335	9.740	ug/L #	82
16) Methylene chloride	2.503	84	132987	9.216	ug/L	89
17) Methyl tert-butyl Ether	2.764	73	293343	10.213	ug/L	97
18) trans-1,2-Dichloroethene	2.754	96	122397	9.736	ug/L	91
19) 1,1-Dichloroethane	3.185	63	231706	9.847	ug/L	100
21) 2-Butanone	3.963	43	253529	109.831	ug/L	93
22) cis-1,2-Dichloroethene	3.905	96	143914	10.175	ug/L #	89
23) Bromochloromethane	4.243	128	62221	9.628	ug/L #	83
25) Chloroform	4.368	83	276816	9.807	ug/L	99
27) 1,2-Dichloroethane	5.124	62	155733	9.754	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	259090	9.775	ug/L	97
30) Cyclohexane	4.674	56	165754	10.195	ug/L	92
31) Carbon tetrachloride	4.821	117	230631	9.818	ug/L	100
33) Benzene	5.095	78	527291	9.974	ug/L	100
34) Trichloroethene	5.908	95	136769	9.576	ug/L	91
35) Methylcyclohexane	6.127	83	203454	10.288	ug/L	93
37) 1,2-Dichloropropane	6.169	63	117995	9.911	ug/L	99
38) Bromodichloromethane	6.506	83	180768	9.730	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	180580	10.081	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	609319	105.339	ug/L #	93
42) Toluene	7.384	91	583324	10.049	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	164194	10.374	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.834	97	90551	9.794	ug/L	97
47) Tetrachloroethene	7.972	164	118125	9.900	ug/L	98
48) 2-Hexanone	8.136	43	444147	107.000	ug/L	94
49) Dibromochloromethane	8.243	129	120162	9.908	ug/L	100
50) 1,2-Dibromoethane	8.349	107	82153	9.910	ug/L	100
51) Chlorobenzene	8.879	112	390523	9.830	ug/L	99
52) Ethylbenzene	9.008	91	647537	10.250	ug/L	99
53) m,p-Xylene	9.136	106	257002	10.269	ug/L	100
54) o-Xylene	9.542	106	252767	10.396	ug/L	99
55) Styrene	9.558	104	440034	10.472	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	92418	9.739	ug/L	95
59) Bromoform	9.728	173	64218	9.135	ug/L #	99
60) Isopropylbenzene	9.927	105	690624	9.971	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	74696	9.167	ug/L	96
62) 1,3,5-Trimethylbenzene	10.535	105	197616	9.742	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	589024	10.329	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	339786	9.662	ug/L	97
65) 1,4-Dichlorobenzene	11.268	146	339696	9.532	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	308653	9.532	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	16891	9.719	ug/L	98
69) 1,3,5-Trichlorobenzene	12.641	180	276892	9.717	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	221111	9.855	ug/L	99
71) Naphthalene	13.500	128	301795	9.677	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	193564	10.134	ug/L	99

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

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