

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091922\
 Data File : VW027932.D
 Acq On : 19 Sep 2022 17:20
 Operator : SY/MD
 Sample : VSTD01043
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010243

Quant Time: Sep 20 01:26:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 20 01:24:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	123715	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	124328	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	70914	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	100014	11.735	ug/L	0.00
7) Chloroethane-d5	1.561	69	86017	11.892	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	159155	9.424	ug/L	0.00
20) 2-Butanone-d5	3.879	46	184605	104.953	ug/L	0.00
24) Chloroform-d	4.342	84	169771	10.217	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.024	65	74412	8.714	ug/L	0.00
32) Benzene-d6	5.043	84	330514	9.591	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	103473	10.347	ug/L	0.00
41) Toluene-d8	7.310	98	307118	10.570	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	37580	10.877	ug/L	0.00
46) 2-Hexanone-d5	8.085	63	183382	135.013	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	83644	12.185	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	120239	10.434	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	91332	7.838	ug/L	99
3) Chloromethane	1.236	50	88247	8.178	ug/L	99
5) Vinyl chloride	1.304	62	100075	9.144	ug/L	98
6) Bromomethane	1.516	94	68046	10.782	ug/L	96
8) Chloroethane	1.581	64	67072	10.379	ug/L	98
9) Trichlorofluoromethane	1.748	101	149527	8.498	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	94825	10.562	ug/L	98
12) 1,1-Dichloroethene	2.111	96	85471	10.284	ug/L	97
13) Acetone	2.175	43	102081	78.667	ug/L	98
14) Carbon disulfide	2.288	76	165901	7.162	ug/L	100
15) Methyl Acetate	2.433	43	26386	7.894	ug/L	96
16) Methylene chloride	2.500	84	89674	8.307	ug/L	94
17) Methyl tert-butyl Ether	2.764	73	165543	8.836	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	78702	9.130	ug/L	86
19) 1,1-Dichloroethane	3.182	63	151586	9.337	ug/L	97
21) 2-Butanone	3.963	43	164702	90.289	ug/L	100
22) cis-1,2-Dichloroethene	3.902	96	93415	9.961	ug/L	97
23) Bromochloromethane	4.240	128	41723	10.406	ug/L	97
25) Chloroform	4.365	83	163951	9.271	ug/L	95
27) 1,2-Dichloroethane	5.127	62	79300	7.698	ug/L	97
29) 1,1,1-Trichloroethane	4.603	97	136199	7.709	ug/L	98
30) Cyclohexane	4.670	56	105041	7.374	ug/L	97
31) Carbon tetrachloride	4.822	117	121743	8.048	ug/L	97
33) Benzene	5.092	78	342150	8.753	ug/L	100
34) Trichloroethene	5.908	95	84894	8.800	ug/L	98
35) Methylcyclohexane	6.127	83	127328	8.702	ug/L	99
37) 1,2-Dichloropropane	6.169	63	90170	9.669	ug/L	98
38) Bromodichloromethane	6.503	83	115574	9.376	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	123994	10.250	ug/L	96
40) 4-Methyl-2-pentanone	7.223	43	422128	98.951	ug/L	98
42) Toluene	7.384	91	383529	9.991	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	101750	10.057	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.834	97	65614	10.489	ug/L	97
47) Tetrachloroethene	7.973	164	74566	9.305	ug/L	93
48) 2-Hexanone	8.137	43	293400	96.180	ug/L	98
49) Dibromochloromethane	8.243	129	81222	10.237	ug/L	95
50) 1,2-Dibromoethane	8.349	107	58506	10.287	ug/L	94
51) Chlorobenzene	8.879	112	252780	10.004	ug/L	98
52) Ethylbenzene	9.008	91	403382	10.049	ug/L	98
53) m,p-Xylene	9.136	106	163848	10.387	ug/L	97
54) o-Xylene	9.542	106	159064	10.540	ug/L	99
55) Styrene	9.558	104	283504	10.822	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	82121	11.442	ug/L	97
59) Bromoform	9.728	173	45266	10.494	ug/L #	98
60) Isopropylbenzene	9.927	105	424980	9.914	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	52682	9.504	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	111004	9.229	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	340565	9.860	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	219884	9.922	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	218194	9.764	ug/L	96
67) 1,2-Dichlorobenzene	11.641	146	203837	10.090	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	10701	8.896	ug/L #	77
69) 1,3,5-Trichlorobenzene	12.641	180	172691	10.106	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	139528	10.163	ug/L	99
71) Naphthalene	13.500	128	215043	9.864	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	126372	10.307	ug/L	96

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

