

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102522\
 Data File : VW028685.D
 Acq On : 25 Oct 2022 13:50
 Operator : SY/MD
 Sample : VSTD01075
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010275

Quant Time: Oct 27 04:38:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 27 04:33:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	202971	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	192559	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	101269	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	149576	8.042	ug/L	0.00
7) Chloroethane-d5	1.558	69	129600	8.700	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.098	63	296707	9.025	ug/L	-0.02
20) 2-Butanone-d5	3.915	46	347167	91.554	ug/L	-0.06
24) Chloroform-d	4.336	84	256100	8.887	ug/L	-0.02
26) 1,2-Dichloroethane-d4	5.024	65	127828	8.070	ug/L	-0.02
32) Benzene-d6	5.040	84	493961	6.299	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	165311	6.925	ug/L	-0.01
41) Toluene-d8	7.307	98	434578	7.648	ug/L	-0.01
43) trans-1,3-Dichloroprop...	7.616	79	55039	8.776	ug/L	-0.02
46) 2-Hexanone-d5	8.085	63	321071	122.400	ug/L	-0.03
56) 1,1,2,2-Tetrachloroeth...	10.207	84	124047	10.236	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.615	152	147340	8.481	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	99386	10.563	ug/L	97
3) Chloromethane	1.230	50	186475	10.000	ug/L	98
5) Vinyl chloride	1.301	62	189288	10.547	ug/L	98
6) Bromomethane	1.513	94	85789	9.799	ug/L	100
8) Chloroethane	1.574	64	119717	9.910	ug/L	96
9) Trichlorofluoromethane	1.741	101	239806	10.753	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	147476	11.230	ug/L	99
12) 1,1-Dichloroethene	2.108	96	128401	10.325	ug/L	87
13) Acetone	2.220	43	189700	79.715	ug/L	89
14) Carbon disulfide	2.281	76	274199	9.170	ug/L	100
15) Methyl Acetate	2.445	43	59911	8.450	ug/L #	92
16) Methylene chloride	2.497	84	146643	8.148	ug/L	94
17) Methyl tert-butyl Ether	2.767	73	337003	9.780	ug/L	97
18) trans-1,2-Dichloroethene	2.748	96	122649	9.068	ug/L	98
19) 1,1-Dichloroethane	3.178	63	295861	9.262	ug/L	97
21) 2-Butanone	3.998	43	364777	86.529	ug/L	97
22) cis-1,2-Dichloroethene	3.899	96	150064	9.560	ug/L #	100
23) Bromochloromethane	4.236	128	56487	9.793	ug/L	94
25) Chloroform	4.362	83	285478	9.404	ug/L	100
27) 1,2-Dichloroethane	5.124	62	171701	8.916	ug/L	99
29) 1,1,1-Trichloroethane	4.596	97	227552	7.187	ug/L	97
30) Cyclohexane	4.664	56	226993	6.703	ug/L	97
31) Carbon tetrachloride	4.815	117	180973	7.681	ug/L	99
33) Benzene	5.088	78	597145	7.066	ug/L	100
34) Trichloroethene	5.905	95	141811	7.336	ug/L	93
35) Methylcyclohexane	6.120	83	220034	7.673	ug/L	96
37) 1,2-Dichloropropane	6.165	63	170503	7.813	ug/L	98
38) Bromodichloromethane	6.500	83	198637	9.192	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	218683	9.371	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	1082274	97.864	ug/L	99
42) Toluene	7.378	91	626390	8.874	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	179243	10.467	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.831	97	102191	9.349	ug/L	96
47) Tetrachloroethene	7.966	164	96928	9.126	ug/L	98
48) 2-Hexanone	8.136	43	806577	114.111	ug/L	99
49) Dibromochloromethane	8.236	129	115591	11.320	ug/L	95
50) 1,2-Dibromoethane	8.345	107	91286	9.811	ug/L	96
51) Chlorobenzene	8.873	112	392118	9.473	ug/L	99
52) Ethylbenzene	9.005	91	704737	9.601	ug/L	98
53) m,p-Xylene	9.130	106	257930	9.722	ug/L	98
54) o-Xylene	9.535	106	256199	9.641	ug/L	96
55) Styrene	9.551	104	451951	10.005	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	134600	10.463	ug/L	96
59) Bromoform	9.725	173	56099	11.416	ug/L	99
60) Isopropylbenzene	9.921	105	707730	8.774	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	96788	9.197	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	201309	8.657	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	584561	9.369	ug/L	98
64) 1,3-Dichlorobenzene	11.172	146	303047	9.444	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	301636	9.354	ug/L	100
67) 1,2-Dichlorobenzene	11.635	146	283372	9.537	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	20007	10.610	ug/L	91
69) 1,3,5-Trichlorobenzene	12.635	180	229877	10.032	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	185305	10.294	ug/L	98
71) Naphthalene	13.493	128	318755	10.402	ug/L	100
72) 1,2,3-Trichlorobenzene	13.731	180	164658	10.450	ug/L	98

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

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