

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112322\
 Data File : VW029300.D
 Acq On : 23 Nov 2022 17:23
 Operator : SY/MD
 Sample : VSTD01013
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010213

Quant Time: Nov 24 01:09:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 01:07:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	278101	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	244589	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	132941	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	183534	10.724	ug/L	0.00
7) Chloroethane-d5	1.564	69	136169	10.869	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	292470	10.679	ug/L	0.00
20) 2-Butanone-d5	3.902	46	318858	111.609	ug/L	0.00
24) Chloroform-d	4.339	84	330797	10.829	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.024	65	146822	10.924	ug/L	0.00
32) Benzene-d6	5.040	84	704053	10.415	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	197648	10.405	ug/L	0.00
41) Toluene-d8	7.307	98	676635	10.605	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.612	79	79910	10.912	ug/L	0.00
46) 2-Hexanone-d5	8.085	63	284863	109.124	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.207	84	127113	10.845	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.612	152	242495	10.441	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	210428	10.141	ug/L	99
3) Chloromethane	1.240	50	180346	9.486	ug/L	100
5) Vinyl chloride	1.307	62	195659	10.328	ug/L	99
6) Bromomethane	1.519	94	120984	10.234	ug/L	99
8) Chloroethane	1.580	64	115347	10.244	ug/L	98
9) Trichlorofluoromethane	1.751	101	271961	10.256	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	151297	10.233	ug/L	99
12) 1,1-Dichloroethene	2.114	96	146661	10.256	ug/L	98
13) Acetone	2.207	43	188592	90.640	ug/L	97
14) Carbon disulfide	2.288	76	435203	10.474	ug/L	100
15) Methyl Acetate	2.439	43	57106	9.453	ug/L	99
16) Methylene chloride	2.500	84	175744	8.044	ug/L	96
17) Methyl tert-butyl Ether	2.764	73	381422	10.433	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	169891	10.352	ug/L	98
19) 1,1-Dichloroethane	3.182	63	303490	10.275	ug/L	97
21) 2-Butanone	3.985	43	324958	99.487	ug/L	98
22) cis-1,2-Dichloroethene	3.902	96	189949	10.119	ug/L	99
23) Bromochloromethane	4.239	128	80290	10.678	ug/L	98
25) Chloroform	4.365	83	317928	10.309	ug/L	100
27) 1,2-Dichloroethane	5.124	62	172858	10.345	ug/L	98
29) 1,1,1-Trichloroethane	4.600	97	283229	10.067	ug/L	99
30) Cyclohexane	4.667	56	278057	10.000	ug/L	99
31) Carbon tetrachloride	4.818	117	243844	10.249	ug/L	99
33) Benzene	5.092	78	718672	9.824	ug/L	100
34) Trichloroethene	5.905	95	184993	9.913	ug/L	99
35) Methylcyclohexane	6.124	83	315878	10.028	ug/L	100
37) 1,2-Dichloropropane	6.165	63	168343	9.769	ug/L	100
38) Bromodichloromethane	6.503	83	210248	10.192	ug/L	100
39) cis-1,3-Dichloropropene	7.018	75	259999	10.321	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	819331	101.606	ug/L	100
42) Toluene	7.378	91	781794	9.958	ug/L	100
44) trans-1,3-Dichloropropene	7.641	75	205369	10.292	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.831	97	116458	9.982	ug/L	98
47) Tetrachloroethene	7.966	164	152674	9.980	ug/L	97
48) 2-Hexanone	8.136	43	575916	101.824	ug/L	99
49) Dibromochloromethane	8.236	129	136459	10.398	ug/L	96
50) 1,2-Dibromoethane	8.342	107	104829	10.297	ug/L	99
51) Chlorobenzene	8.873	112	499981	10.188	ug/L	98
52) Ethylbenzene	9.005	91	842170	10.288	ug/L	99
53) m,p-Xylene	9.130	106	333331	10.324	ug/L	97
54) o-Xylene	9.535	106	327185	10.316	ug/L	99
55) Styrene	9.551	104	557989	10.423	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	122951	10.185	ug/L	100
59) Bromoform	9.722	173	72136	10.329	ug/L	98
60) Isopropylbenzene	9.921	105	874421	10.173	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	91663	9.942	ug/L	98
62) 1,3,5-Trimethylbenzene	10.529	105	761636	10.234	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	765123	10.221	ug/L	100
64) 1,3-Dichlorobenzene	11.172	146	407127	10.153	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	398449	10.044	ug/L	99
67) 1,2-Dichlorobenzene	11.631	146	373577	10.112	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	18081	9.985	ug/L	95
69) 1,3,5-Trichlorobenzene	12.631	180	338367	10.242	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	276022	10.311	ug/L	100
71) Naphthalene	13.493	128	242574	10.467	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	227974	10.461	ug/L	99

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

