

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102522\
 Data File : VW028678.D
 Acq On : 25 Oct 2022 09:39
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005333

Quant Time: Oct 27 04:34:41 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	165853	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	158686	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	77107	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	81772	5.380	ug/L	0.00
7) Chloroethane-d5	1.558	69	68518	5.629	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.098	63	150411	5.599	ug/L	-0.02
20) 2-Butanone-d5	3.905	46	156834	50.616	ug/L	-0.07
24) Chloroform-d	4.336	84	123324	5.237	ug/L	-0.02
26) 1,2-Dichloroethane-d4	5.024	65	60094	4.643	ug/L	-0.02
32) Benzene-d6	5.037	84	242013	3.745	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	81503	4.143	ug/L	-0.01
41) Toluene-d8	7.307	98	213533	4.560	ug/L	-0.01
43) trans-1,3-Dichloroprop...	7.619	79	25247	4.885	ug/L	-0.01
46) 2-Hexanone-d5	8.085	63	120004	55.514	ug/L	-0.03
56) 1,1,2,2-Tetrachloroeth...	10.207	84	52119	5.219	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.616	152	64920	4.908	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	49855	6.484	ug/L	96
3) Chloromethane	1.237	50	77587	5.092	ug/L	100
5) Vinyl chloride	1.304	62	90275	6.156	ug/L	97
6) Bromomethane	1.513	94	39352	5.501	ug/L	96
8) Chloroethane	1.574	64	58628	5.939	ug/L	97
9) Trichlorofluoromethane	1.741	101	113909	6.251	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	68268	6.362	ug/L	97
12) 1,1-Dichloroethene	2.108	96	59499	5.855	ug/L	85
13) Acetone	2.185	43	38006	19.545	ug/L	98
14) Carbon disulfide	2.282	76	131973	5.402	ug/L	100
15) Methyl Acetate	2.442	43	27130	4.683	ug/L	98
16) Methylene chloride	2.497	84	69090	4.698	ug/L	95
17) Methyl tert-butyl Ether	2.764	73	140240	4.980	ug/L	98
18) trans-1,2-Dichloroethene	2.748	96	55355	5.009	ug/L	96
19) 1,1-Dichloroethane	3.179	63	132539	5.078	ug/L	98
21) 2-Butanone	3.986	43	150769	43.768	ug/L	96
22) cis-1,2-Dichloroethene	3.902	96	64545	5.032	ug/L #	98
23) Bromochloromethane	4.240	128	25427	5.395	ug/L	90
25) Chloroform	4.362	83	132473	5.341	ug/L	97
27) 1,2-Dichloroethane	5.124	62	75007	4.767	ug/L #	95
29) 1,1,1-Trichloroethane	4.593	97	103095	3.951	ug/L	97
30) Cyclohexane	4.664	56	102598	3.676	ug/L	96
31) Carbon tetrachloride	4.815	117	82341	4.241	ug/L	99
33) Benzene	5.088	78	268389	3.854	ug/L	100
34) Trichloroethene	5.905	95	65672	4.122	ug/L	97
35) Methylcyclohexane	6.124	83	99509	4.211	ug/L	98
37) 1,2-Dichloropropane	6.166	63	73203	4.070	ug/L	99
38) Bromodichloromethane	6.503	83	88902	4.992	ug/L	97
39) cis-1,3-Dichloropropene	7.021	75	94084	4.892	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	426065	46.750	ug/L	99
42) Toluene	7.381	91	278131	4.782	ug/L	97
44) trans-1,3-Dichloropropene	7.645	75	74245	5.261	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.831	97	42706	4.741	ug/L	98
47) Tetrachloroethene	7.966	164	43615	4.983	ug/L	97
48) 2-Hexanone	8.137	43	289263	49.659	ug/L	99
49) Dibromochloromethane	8.239	129	48453	5.758	ug/L	95
50) 1,2-Dibromoethane	8.346	107	37155	4.846	ug/L	99
51) Chlorobenzene	8.873	112	171149	5.018	ug/L	99
52) Ethylbenzene	9.005	91	299951	4.959	ug/L	99
53) m,p-Xylene	9.130	106	107144	4.901	ug/L	100
54) o-Xylene	9.535	106	109630	5.006	ug/L	95
55) Styrene	9.551	104	187932	5.048	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	54142	5.107	ug/L	97
59) Bromoform	9.725	173	22954	6.135	ug/L	97
60) Isopropylbenzene	9.924	105	302612	4.927	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	36932	4.609	ug/L	97
62) 1,3,5-Trimethylbenzene	10.532	105	84580	4.777	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	238564	5.022	ug/L	98
64) 1,3-Dichlorobenzene	11.172	146	124374	5.091	ug/L	98
65) 1,4-Dichlorobenzene	11.265	146	125177	5.098	ug/L	100
67) 1,2-Dichlorobenzene	11.635	146	115612	5.110	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	7183	5.003	ug/L	90
69) 1,3,5-Trichlorobenzene	12.635	180	92377	5.294	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	71269	5.200	ug/L	97
71) Naphthalene	13.493	128	102974	4.413	ug/L	98
72) 1,2,3-Trichlorobenzene	13.734	180	60517	5.044	ug/L	97

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

