

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102522\
 Data File : VW028683.D
 Acq On : 25 Oct 2022 12:11
 Operator : SY/MD
 Sample : VSTD02074
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02074

Quant Time: Oct 27 04:37:44 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	5.613	114	204134	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	196557	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	101724	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	312359	16.698	ug/L	0.00
7) Chloroethane-d5	1.561	69	266544	17.792	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.101	63	614186	18.576	ug/L	-0.02
20) 2-Butanone-d5	3.886	46	749581	196.552	ug/L	-0.09
24) Chloroform-d	4.339	84	539243	18.606	ug/L	-0.02
26) 1,2-Dichloroethane-d4	5.024	65	261350	16.406	ug/L	-0.02
32) Benzene-d6	5.043	84	1047175	13.081	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	348413	14.298	ug/L	-0.01
41) Toluene-d8	7.310	98	924940	15.947	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.616	79	114334	17.860	ug/L	-0.02
46) 2-Hexanone-d5	8.085	63	599784	224.001	ug/L	-0.03
56) 1,1,2,2-Tetrachloroeth...	10.207	84	237080	19.164	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.615	152	308314	17.668	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	192438	20.336	ug/L	99
3) Chloromethane	1.236	50	323970	17.275	ug/L	98
5) Vinyl chloride	1.304	62	349903	19.385	ug/L	98
6) Bromomethane	1.516	94	165787	18.829	ug/L	100
8) Chloroethane	1.577	64	229819	18.915	ug/L	96
9) Trichlorofluoromethane	1.744	101	469436	20.929	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	278221	21.064	ug/L	98
12) 1,1-Dichloroethene	2.111	96	252207	20.165	ug/L	83
13) Acetone	2.175	43	449388	187.764	ug/L	88
14) Carbon disulfide	2.285	76	548167	18.229	ug/L	100
15) Methyl Acetate	2.433	43	136812	19.187	ug/L	97
16) Methylene chloride	2.500	84	281966	15.577	ug/L	93
17) Methyl tert-butyl Ether	2.764	73	614196	17.722	ug/L	98
18) trans-1,2-Dichloroethene	2.751	96	237665	17.472	ug/L	97
19) 1,1-Dichloroethane	3.182	63	572011	17.805	ug/L	97
21) 2-Butanone	3.973	43	760672	179.412	ug/L	99
22) cis-1,2-Dichloroethene	3.902	96	288938	18.303	ug/L #	98
23) Bromochloromethane	4.236	128	109769	18.921	ug/L	91
25) Chloroform	4.365	83	551287	18.057	ug/L	98
27) 1,2-Dichloroethane	5.124	62	318490	16.444	ug/L	99
29) 1,1,1-Trichloroethane	4.600	97	440227	13.620	ug/L	98
30) Cyclohexane	4.667	56	452960	13.104	ug/L	98
31) Carbon tetrachloride	4.818	117	351022	14.596	ug/L	100
33) Benzene	5.092	78	1152319	13.359	ug/L	100
34) Trichloroethene	5.908	95	275741	13.974	ug/L	92
35) Methylcyclohexane	6.124	83	440137	15.037	ug/L	97
37) 1,2-Dichloropropane	6.169	63	325662	14.619	ug/L	98
38) Bromodichloromethane	6.503	83	379264	17.194	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	427109	17.929	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	1944401	172.245	ug/L	100
42) Toluene	7.381	91	1218786	16.916	ug/L	100
44) trans-1,3-Dichloropropene	7.645	75	345756	19.780	ug/L	98

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

45) 1,1,2-Trichloroethane	7.834	97	188178	16.865	ug/L	97
47) Tetrachloroethene	7.969	164	188296	17.367	ug/L	96
48) 2-Hexanone	8.137	43	1367411	189.520	ug/L	99
49) Dibromochloromethane	8.239	129	216137	20.737	ug/L	94
50) 1,2-Dibromoethane	8.346	107	165413	17.417	ug/L	96
51) Chlorobenzene	8.873	112	756661	17.909	ug/L	98
52) Ethylbenzene	9.005	91	1387818	18.522	ug/L	98
53) m,p-Xylene	9.130	106	508047	18.761	ug/L	100
54) o-Xylene	9.535	106	506602	18.677	ug/L	99
55) Styrene	9.554	104	886415	19.224	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	242417	18.461	ug/L	97
59) Bromoform	9.725	173	103561	20.980	ug/L	99
60) Isopropylbenzene	9.924	105	1418311	17.504	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	171110	16.186	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	411676	17.625	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	1178310	18.801	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	592589	18.385	ug/L	100
65) 1,4-Dichlorobenzene	11.265	146	582524	17.983	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	545365	18.271	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	36758	19.405	ug/L	98
69) 1,3,5-Trichlorobenzene	12.635	180	454328	19.738	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	362077	20.024	ug/L	98
71) Naphthalene	13.490	128	588530	19.120	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	313825	19.828	ug/L	98

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

