

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092321\
 Data File : VW022277.D
 Acq On : 23 Sep 2021 11:54
 Operator : SY/MD
 Sample : VSTD02028
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020228

Quant Time: Sep 24 02:39:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 24 02:37:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	140192	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	139073	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	74515	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	143235	23.987	ug/L	0.00
7) Chloroethane-d5	1.564	69	164859	23.451	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	342481	24.928	ug/L	0.00
20) 2-Butanone-d5	3.899	46	653844	274.812	ug/L	0.00
24) Chloroform-d	4.349	84	414722	22.659	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	198299	23.397	ug/L	0.00
32) Benzene-d6	5.050	84	826507	22.353	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	260607	21.902	ug/L	0.00
41) Toluene-d8	7.317	98	755372	22.148	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	83297	23.128	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	561034	298.775	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	215536	26.121	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	293919	21.612	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	217840	20.576	ug/L	99
3) Chloromethane	1.240	50	208722	22.190	ug/L	98
5) Vinyl chloride	1.307	62	212539	21.944	ug/L	98
6) Bromomethane	1.516	94	133203	21.800	ug/L	99
8) Chloroethane	1.581	64	126655	20.889	ug/L	96
9) Trichlorofluoromethane	1.748	101	294695	21.088	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	171524	21.928	ug/L	99
12) 1,1-Dichloroethene	2.111	96	163891	23.339	ug/L	95
13) Acetone	2.198	43	330681	226.190	ug/L	98
14) Carbon disulfide	2.288	76	576574	27.362	ug/L	99
15) Methyl Acetate	2.439	43	85820	20.616	ug/L	96
16) Methylene chloride	2.503	84	197572	16.365	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	449531	21.456	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	193225	21.981	ug/L	99
19) 1,1-Dichloroethane	3.188	63	338931	20.821	ug/L	96
21) 2-Butanone	3.982	43	553832	235.349	ug/L	97
22) cis-1,2-Dichloroethene	3.908	96	202898	20.924	ug/L	98
23) Bromochloromethane	4.246	128	92606	21.064	ug/L	100
25) Chloroform	4.375	83	338410	19.670	ug/L	98
27) 1,2-Dichloroethane	5.130	62	208102	22.005	ug/L	98
29) 1,1,1-Trichloroethane	4.606	97	298292	19.684	ug/L	99
30) Cyclohexane	4.677	56	315508	22.546	ug/L	100
31) Carbon tetrachloride	4.828	117	261814	20.024	ug/L	98
33) Benzene	5.098	78	769255	20.901	ug/L	100
34) Trichloroethene	5.915	95	194372	19.047	ug/L	96
35) Methylcyclohexane	6.130	83	335806	22.407	ug/L	99
37) 1,2-Dichloropropane	6.175	63	193724	20.866	ug/L	98
38) Bromodichloromethane	6.510	83	234735	19.987	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	284449	21.671	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	1337304	231.750	ug/L	99
42) Toluene	7.387	91	835748	20.899	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	248649	22.046	ug/L	99

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

45) 1,1,2-Trichloroethane	7.841	97	145587	20.964	ug/L	98
47) Tetrachloroethene	7.976	164	165330	20.475	ug/L	97
48) 2-Hexanone	8.143	43	952124	237.832	ug/L	98
49) Dibromochloromethane	8.249	129	173596	21.374	ug/L	100
50) 1,2-Dibromoethane	8.352	107	140219	21.507	ug/L	97
51) Chlorobenzene	8.883	112	539311	20.471	ug/L	98
52) Ethylbenzene	9.014	91	912788	21.497	ug/L	100
53) m,p-xylene	9.140	106	357512	21.563	ug/L	99
54) o-xylene	9.545	106	344211	21.047	ug/L	96
55) Styrene	9.561	104	599036	22.087	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	181371	24.384	ug/L	99
59) Bromoform	9.735	173	93546	20.947	ug/L	96
60) Isopropylbenzene	9.934	105	921574	20.568	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	126612	21.065	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	775613	20.834	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	793367	21.065	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	432137	19.906	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	431608	19.912	ug/L	97
67) 1,2-Dichlorobenzene	11.644	146	407603	20.076	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	26453	23.269	ug/L	96
69) 1,3,5-Trichlorobenzene	12.648	180	337959	20.126	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	281815	21.284	ug/L	97
71) Naphthalene	13.503	128	554457	27.362	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	262817	22.385	ug/L	99

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

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