

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083122\
 Data File : VV027622.D
 Acq On : 31 Aug 2022 17:09
 Operator : SY/MD
 Sample : VSTD0.519
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5219

Quant Time: Sep 01 01:17:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 01 01:15:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	140991	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	124911	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52608	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	6425	0.419	ug/L	0.00
7) Chloroethane-d5	1.558	69	5281	0.412	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	12196	0.407	ug/L	0.00
20) 2-Butanone-d5	3.873	46	357	0.162	ug/L	-0.03
24) Chloroform-d	4.333	84	12088	0.393	ug/L	-0.01
26) 1,2-Dichloroethane-d4	5.037	65	5707	0.414	ug/L	0.00
32) Benzene-d6	5.037	84	22724	0.444	ug/L	-0.01
36) 1,2-Dichloropropane-d6	6.088	67	7031	0.444	ug/L	0.02
41) Toluene-d8	7.330	98	16234	0.366	ug/L	0.02
43) trans-1,3-Dichloroprop...	7.641	79	1933	0.396	ug/L	0.02
46) 2-Hexanone-d5	8.114	63	5673	3.094	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.220	84	4204	0.413	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	5396	0.458	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	7580	0.395	ug/L	98
3) Chloromethane	1.233	50	8483	0.461	ug/L	92
5) Vinyl chloride	1.301	62	6817	0.389	ug/L #	76
6) Bromomethane	1.513	94	3740	0.454	ug/L	100
8) Chloroethane	1.577	64	4237	0.433	ug/L	99
9) Trichlorofluoromethane	1.745	101	9916	0.422	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	4630	0.362	ug/L	91
12) 1,1-Dichloroethene	2.111	96	4999	0.425	ug/L	94
14) Carbon disulfide	2.288	76	14622	0.393	ug/L #	93
15) Methyl Acetate	2.462	43	2074	0.446	ug/L #	69
16) Methylene chloride	2.510	84	11007	0.741	ug/L	96
17) Methyl tert-butyl Ether	2.786	73	12963	0.516	ug/L #	86
18) trans-1,2-Dichloroethene	2.757	96	5799	0.435	ug/L	92
19) 1,1-Dichloroethane	3.188	63	11918	0.456	ug/L	94
21) 2-Butanone	4.037	43	11834	6.338	ug/L	85
22) cis-1,2-Dichloroethene	3.902	96	6274	0.471	ug/L #	94
23) Bromochloromethane	4.236	128	2540	0.431	ug/L	85
25) Chloroform	4.365	83	12938	0.472	ug/L	97
27) 1,2-Dichloroethane	5.133	62	6310	0.421	ug/L	96
29) 1,1,1-Trichloroethane	4.587	97	11256	0.521	ug/L #	93
30) Cyclohexane	4.648	56	10062	0.552	ug/L	91
31) Carbon tetrachloride	4.806	117	9499	0.514	ug/L	97
33) Benzene	5.088	78	23387	0.480	ug/L	100
34) Trichloroethene	5.912	95	5791	0.484	ug/L	91
35) Methylcyclohexane	6.137	83	5495	0.296	ug/L	92
37) 1,2-Dichloropropane	6.191	63	6090	0.495	ug/L #	95
38) Bromodichloromethane	6.526	83	7858	0.505	ug/L	92
39) cis-1,3-Dichloropropene	7.043	75	6361	0.424	ug/L	92
40) 4-Methyl-2-pentanone	7.256	43	21824	3.991	ug/L	95
42) Toluene	7.397	91	18232	0.375	ug/L	100
44) trans-1,3-Dichloropropene	7.670	75	5097	0.416	ug/L	99
45) 1,1,2-Trichloroethane	7.850	97	3735	0.471	ug/L	91

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

47) Tetrachloroethene	7.979	164	3717	0.383	ug/L	98
49) Dibromochloromethane	8.252	129	4207	0.447	ug/L	95
50) 1,2-Dibromoethane	8.365	107	3191	0.449	ug/L #	96
51) Chlorobenzene	8.886	112	13606	0.444	ug/L	98
52) Ethylbenzene	9.018	91	18441	0.374	ug/L	98
53) m,p-Xylene	9.146	106	6743	0.356	ug/L	86
54) o-Xylene	9.548	106	6610	0.366	ug/L	98
55) Styrene	9.567	104	10516	0.341	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.246	83	4202	0.479	ug/L	99
59) Bromoform	9.735	173	2083	0.557	ug/L #	96
60) Isopropylbenzene	9.934	105	16429	0.413	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	2876	0.540	ug/L #	92
62) 1,3,5-Trimethylbenzene	10.542	105	4849	0.446	ug/L	97
63) 1,2,4-Trimethylbenzene	10.915	105	12104	0.387	ug/L	98
64) 1,3-Dichlorobenzene	11.185	146	8302	0.432	ug/L	91
65) 1,4-Dichlorobenzene	11.275	146	7933	0.415	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	692	0.653	ug/L #	79
69) 1,3,5-Trichlorobenzene	12.644	180	4769	0.344	ug/L	93
70) 1,2,4-trichlorobenzene	13.265	180	4075	0.399	ug/L	95
71) Naphthalene	13.506	128	7353	0.460	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	3871	0.421	ug/L	96

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

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