

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091722\
 Data File : VW027898.D
 Acq On : 17 Sep 2022 13:50
 Operator : SY/MD
 Sample : VSTD0.534
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5234

Quant Time: Sep 19 02:19:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Sep 19 02:17:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	387519	5.000	ug/L	# 0.00
28) Chlorobenzene-d5	8.850	117	366223	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	195488	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	14954	0.483	ug/L	0.00
7) Chloroethane-d5	1.568	69	10976	0.502	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	21561	0.443	ug/L	0.00
20) 2-Butanone-d5	3.918	46	19721	4.020	ug/L	0.03
24) Chloroform-d	4.349	84	27888	0.489	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	14572	0.510	ug/L	0.00
32) Benzene-d6	5.047	84	50354	0.499	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.076	67	13397	0.508	ug/L	0.00
41) Toluene-d8	7.317	98	44675	0.478	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.629	79	4860	0.430	ug/L	0.00
46) 2-Hexanone-d5	8.095	63	15495	4.136	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	9736	0.533	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	18452	0.539	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	12679	0.408	ug/L	99
3) Chloromethane	1.240	50	10472	0.426	ug/L	95
5) Vinyl chloride	1.311	62	12313	0.443	ug/L	99
6) Bromomethane	1.523	94	6346	0.423	ug/L	100
8) Chloroethane	1.584	64	7184	0.453	ug/L	93
9) Trichlorofluoromethane	1.754	101	18074	0.390	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	8322	0.374	ug/L	89
12) 1,1-Dichloroethene	2.118	96	8545	0.402	ug/L	80
13) Acetone	2.188	43	11420	3.494	ug/L	98
14) Carbon disulfide	2.294	76	17321	0.338	ug/L	98
15) Methyl Acetate	2.455	43	1971	0.270	ug/L	# 75
16) Methylene chloride	2.503	84	11142	0.406	ug/L	80
17) Methyl tert-butyl Ether	2.767	73	21706	0.397	ug/L	97
18) trans-1,2-Dichloroethene	2.764	96	9730	0.407	ug/L	82
19) 1,1-Dichloroethane	3.191	63	19100	0.426	ug/L	97
21) 2-Butanone	4.018	43	15231	3.466	ug/L	85
22) cis-1,2-Dichloroethene	3.912	96	11405	0.424	ug/L	# 82
23) Bromochloromethane	4.256	128	5689	0.462	ug/L	# 74
25) Chloroform	4.375	83	23343	0.434	ug/L	100
27) 1,2-Dichloroethane	5.137	62	12364	0.407	ug/L	96
29) 1,1,1-Trichloroethane	4.606	97	21695	0.453	ug/L	96
30) Cyclohexane	4.674	56	11730	0.399	ug/L	# 89
31) Carbon tetrachloride	4.825	117	18727	0.441	ug/L	98
33) Benzene	5.101	78	40462	0.424	ug/L	100
34) Trichloroethene	5.918	95	11190	0.434	ug/L	89
35) Methylcyclohexane	6.127	83	14368	0.402	ug/L	89
37) 1,2-Dichloropropane	6.175	63	9496	0.442	ug/L	# 94
38) Bromodichloromethane	6.510	83	14736	0.439	ug/L	# 95
39) cis-1,3-Dichloropropene	7.034	75	13604	0.421	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	41277	3.952	ug/L	# 92
42) Toluene	7.387	91	42560	0.406	ug/L	100
44) trans-1,3-Dichloropropene	7.658	75	11611	0.406	ug/L	94

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

45) 1,1,2-Trichloroethane	7.841	97	7063	0.423	ug/L	96
47) Tetrachloroethene	7.976	164	9189	0.426	ug/L	96
48) 2-Hexanone	8.143	43	29577	3.946	ug/L #	93
49) Dibromochloromethane	8.243	129	9294	0.424	ug/L	100
50) 1,2-Dibromoethane	8.355	107	6487	0.433	ug/L #	95
51) Chlorobenzene	8.879	112	31561	0.440	ug/L	97
52) Ethylbenzene	9.011	91	47081	0.413	ug/L	95
53) m,p-Xylene	9.140	106	18497	0.409	ug/L	91
54) o-Xylene	9.542	106	17821	0.406	ug/L	98
55) Styrene	9.561	104	29838	0.393	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	7547	0.440	ug/L	94
59) Bromoform	9.731	173	5396	0.466	ug/L	97
60) Isopropylbenzene	9.931	105	45594	0.400	ug/L	97
61) 1,2,3-Trichloropropane	10.275	75	6487	0.483	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	13634	0.408	ug/L	95
63) 1,2,4-Trimethylbenzene	10.911	105	36539	0.389	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	25024	0.432	ug/L	95
65) 1,4-Dichlorobenzene	11.268	146	26638	0.454	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	23531	0.441	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.429	75	1266	0.442	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	19303	0.411	ug/L	97
70) 1,2,4-trichlorobenzene	13.259	180	15351	0.415	ug/L	98
71) Naphthalene	13.503	128	22751	0.443	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	13202	0.420	ug/L	96

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

