

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021722\
 Data File : VW024714.D
 Acq On : 17 Feb 2022 10:44
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005316

Quant Time: Feb 18 08:55:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 18 07:32:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	114151	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	114232	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	60399	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	33947	3.506	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.200%
7) Chloroethane-d5	1.568	69	36427	4.586	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.111	63	88470	4.986	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.800%
20) 2-Butanone-d5	3.889	46	89971	65.056	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.120%#
24) Chloroform-d	4.346	84	83370	5.518	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.400%
26) 1,2-Dichloroethane-d4	5.031	65	37649	5.591	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.800%
32) Benzene-d6	5.047	84	154235	4.680	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	6.066	67	48641	5.016	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.314	98	133290	4.451	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	7.622	79	17686	5.474	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.400%
46) 2-Hexanone-d5	8.085	63	74261	58.416	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.840%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	33242	5.687	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	46398	4.440	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	87321	7.845	ug/L	98
3) Chloromethane	1.243	50	85291	7.671	ug/L	99
5) Vinyl chloride	1.314	62	93261	7.641	ug/L	97
6) Bromomethane	1.523	94	55973	7.677	ug/L	99
8) Chloroethane	1.587	64	58950	7.841	ug/L	100
9) Trichlorofluoromethane	1.754	101	128799	8.038	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	73416	7.890	ug/L	100
12) 1,1-Dichloroethene	2.121	96	68958	7.757	ug/L	85
13) Acetone	2.185	43	75277	77.184	ug/L	98
14) Carbon disulfide	2.294	76	195324	7.829	ug/L	99
15) Methyl Acetate	2.439	43	20302	7.951	ug/L	95
16) Methylene chloride	2.507	84	65735	7.510	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	134189	7.679	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	66722	7.685	ug/L	95
19) 1,1-Dichloroethane	3.188	63	122632	7.713	ug/L	99
21) 2-Butanone	3.973	43	124524	82.623	ug/L	100
22) cis-1,2-Dichloroethene	3.912	96	71049	7.741	ug/L	98
23) Bromochloromethane	4.246	128	27694	7.807	ug/L	96
25) Chloroform	4.372	83	127320	7.666	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	68695	7.750	ug/L	98
29) 1,1,1-Trichloroethane	4.606	97	112912	7.365	ug/L	100
30) Cyclohexane	4.674	56	112265	7.220	ug/L	98
31) Carbon tetrachloride	4.828	117	95088	7.377	ug/L	98
33) Benzene	5.098	78	278771	7.208	ug/L	100
34) Trichloroethene	5.912	95	73670	7.191	ug/L	98
35) Methylcyclohexane	6.127	83	122867	7.423	ug/L	100
37) 1,2-Dichloropropane	6.172	63	67403	7.376	ug/L	99
38) Bromodichloromethane	6.506	83	84575	7.353	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	93621	7.387	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	319973	73.614	ug/L	100
42) Toluene	7.384	91	297226	7.218	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	75488	7.454	ug/L	96
45) 1,1,2-Trichloroethane	7.838	97	43323	7.288	ug/L	97
47) Tetrachloroethene	7.973	164	50107	7.182	ug/L	97
48) 2-Hexanone	8.137	43	225384	73.749	ug/L	100
49) Dibromochloromethane	8.243	129	48368	7.332	ug/L	98
50) 1,2-Dibromoethane	8.349	107	39590	7.299	ug/L	99
51) Chlorobenzene	8.879	112	182283	7.076	ug/L	99
52) Ethylbenzene	9.008	91	329352	7.329	ug/L	99
53) m,p-xylene	9.137	106	124606	7.335	ug/L	100
54) o-xylene	9.542	106	120043	7.231	ug/L	100
55) Styrene	9.558	104	200071	7.409	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	44339	7.052	ug/L	100
59) Bromoform	9.728	173	20812	6.807	ug/L	96
60) Isopropylbenzene	9.928	105	327667	6.558	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	34740	6.347	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	277409	6.661	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	275872	6.673	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	137011	6.503	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	135651	6.446	ug/L	100
67) 1,2-Dichlorobenzene	11.638	146	120361	6.476	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	6404	6.843	ug/L	95
69) 1,3,5-Trichlorobenzene	12.641	180	97420	6.520	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	76271	6.480	ug/L	99
71) Naphthalene	13.500	128	129211	6.455	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	64584	6.556	ug/L	99

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

