

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110921\
 Data File : VW023293.D
 Acq On : 09 Nov 2021 10:30
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005343

Quant Time: Nov 10 00:36:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 09 05:13:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	126388	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	126720	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	71488	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	34506	4.358	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.200%
7) Chloroethane-d5	1.565	69	31587	4.895	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.800%
11) 1,1-Dichloroethene-d2	2.108	63	72454	4.888	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.800%
20) 2-Butanone-d5	3.892	46	78887	57.832	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.660%
24) Chloroform-d	4.343	84	83440	4.945	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.031	65	37954	5.002	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	5.047	84	155009	4.767	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.069	67	47284	4.940	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.313	98	144455	4.741	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
43) trans-1,3-Dichloroprop...	7.622	79	17742	4.889	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.800%
46) 2-Hexanone-d5	8.088	63	72412	54.229	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.460%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	36176	5.256	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	55938	4.699	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	63374	5.142	ug/L	100
3) Chloromethane	1.237	50	55394	5.287	ug/L	97
5) Vinyl chloride	1.307	62	55775	5.330	ug/L	99
6) Bromomethane	1.520	94	32542	4.865	ug/L	98
8) Chloroethane	1.584	64	33931	5.619	ug/L	99
9) Trichlorofluoromethane	1.751	101	83539	5.313	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	44191	5.583	ug/L	98
12) 1,1-Dichloroethene	2.114	96	40744	5.406	ug/L	90
13) Acetone	2.185	43	47995	57.583	ug/L	93
14) Carbon disulfide	2.291	76	145672	5.122	ug/L	98
15) Methyl Acetate	2.436	43	12923	5.478	ug/L	96
16) Methylene chloride	2.503	84	52449	4.769	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	85300	5.141	ug/L	95
18) trans-1,2-Dichloroethene	2.757	96	48373	5.221	ug/L	96
19) 1,1-Dichloroethane	3.185	63	83703	5.351	ug/L	98
21) 2-Butanone	3.976	43	75020	55.671	ug/L	97
22) cis-1,2-Dichloroethene	3.908	96	46743	5.242	ug/L #	89
23) Bromochloromethane	4.243	128	22060	5.365	ug/L	90
25) Chloroform	4.371	83	88777	5.324	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	46686	5.264	ug/L	97
29) 1,1,1-Trichloroethane	4.606	97	78930	5.128	ug/L	99
30) Cyclohexane	4.674	56	69338	5.028	ug/L	98
31) Carbon tetrachloride	4.825	117	72790	5.266	ug/L	98
33) Benzene	5.095	78	186944	5.278	ug/L	100
34) Trichloroethene	5.912	95	48513	5.151	ug/L	97
35) Methylcyclohexane	6.127	83	74200	4.991	ug/L	96
37) 1,2-Dichloropropane	6.172	63	44786	5.416	ug/L	99
38) Bromodichloromethane	6.506	83	57038	5.147	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	59815	5.030	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	219789	57.313	ug/L	98
42) Toluene	7.384	91	207144	5.468	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	51911	5.261	ug/L	97
45) 1,1,2-Trichloroethane	7.838	97	32031	5.391	ug/L	96
47) Tetrachloroethene	7.973	164	43130	5.284	ug/L	100
48) 2-Hexanone	8.140	43	161237	60.003	ug/L	99
49) Dibromochloromethane	8.246	129	40336	5.358	ug/L	97
50) 1,2-Dibromoethane	8.352	107	29345	5.330	ug/L	95
51) Chlorobenzene	8.879	112	130469	5.181	ug/L	100
52) Ethylbenzene	9.011	91	208427	5.216	ug/L	99
53) m,p-xylene	9.137	106	83063	5.297	ug/L	96
54) o-xylene	9.542	106	78734	5.352	ug/L	98
55) Styrene	9.561	104	138692	5.503	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	34523	5.304	ug/L	98
59) Bromoform	9.731	173	22035	5.160	ug/L #	98
60) Isopropylbenzene	9.931	105	209031	5.095	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	25143	5.295	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	167832	4.934	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	172914	5.107	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	108969	5.199	ug/L	96
65) 1,4-Dichlorobenzene	11.272	146	109417	5.111	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	96431	5.141	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	5478	5.414	ug/L #	81
69) 1,3,5-Trichlorobenzene	12.644	180	81381	4.959	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	63436	4.827	ug/L	99
71) Naphthalene	13.503	128	86760	4.477	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	57409	4.993	ug/L	98

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

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