

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110221\
 Data File : VW023173.D
 Acq On : 03 Nov 2021 01:21
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005332

Quant Time: Nov 03 01:54:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 02 23:31:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	122738	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	122858	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	72109	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	42296	3.944	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.800%
7) Chloroethane-d5	1.568	69	34915	5.263	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.200%
11) 1,1-Dichloroethene-d2	2.111	63	74606	4.822	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.400%
20) 2-Butanone-d5	3.896	46	90027	52.327	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.660%
24) Chloroform-d	4.352	84	89296	5.121	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
26) 1,2-Dichloroethane-d4	5.034	65	40041	4.872	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.053	84	171293	4.776	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	6.072	67	49292	4.464	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.317	98	162208	5.035	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
43) trans-1,3-Dichloroprop...	7.625	79	18722	4.839	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.800%
46) 2-Hexanone-d5	8.092	63	73783	51.512	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.020%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	36197	4.748	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	60292	4.686	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	34420	4.420	ug/L	99
3) Chloromethane	1.243	50	35398	4.206	ug/L	95
5) Vinyl chloride	1.310	62	37461	4.310	ug/L	99
6) Bromomethane	1.523	94	25205	5.739	ug/L	96
8) Chloroethane	1.587	64	23808	5.238	ug/L	99
9) Trichlorofluoromethane	1.754	101	63241	5.391	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	36221	5.415	ug/L	99
12) 1,1-Dichloroethene	2.121	96	33338	5.305	ug/L	96
13) Acetone	2.185	43	51884	61.467	ug/L	93
14) Carbon disulfide	2.298	76	93359	5.455	ug/L	99
15) Methyl Acetate	2.442	43	13964	4.349	ug/L	93
16) Methylene chloride	2.510	84	47056	6.818	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	79489	5.298	ug/L	97
18) trans-1,2-Dichloroethene	2.764	96	38369	5.719	ug/L	99
19) 1,1-Dichloroethane	3.191	63	74101	6.012	ug/L	98
21) 2-Butanone	3.982	43	75810	45.877	ug/L	93
22) cis-1,2-Dichloroethene	3.915	96	41148	5.410	ug/L	# 87
23) Bromochloromethane	4.259	128	19297	5.589	ug/L	# 80
25) Chloroform	4.378	83	77304	4.746	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	41695	4.854	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	69156	4.981	ug/L	99
30) Cyclohexane	4.680	56	51667	4.262	ug/L	97
31) Carbon tetrachloride	4.834	117	61097	5.114	ug/L	97
33) Benzene	5.101	78	156993	4.748	ug/L	100
34) Trichloroethene	5.918	95	40393	4.863	ug/L	96
35) Methylcyclohexane	6.133	83	56695	4.767	ug/L	96
37) 1,2-Dichloropropane	6.175	63	39213	4.706	ug/L	100
38) Bromodichloromethane	6.513	83	52493	5.107	ug/L	97
39) cis-1,3-Dichloropropene	7.031	75	51858	4.998	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	197427	50.324	ug/L	98
42) Toluene	7.391	91	177342	5.293	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	43401	5.056	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	27966	4.797	ug/L	96
47) Tetrachloroethene	7.979	164	35174	5.013	ug/L	96
48) 2-Hexanone	8.140	43	144140	49.495	ug/L	98
49) Dibromochloromethane	8.249	129	36263	5.228	ug/L	96
50) 1,2-Dibromoethane	8.355	107	26307	5.012	ug/L	99
51) Chlorobenzene	8.883	112	112574	5.115	ug/L	99
52) Ethylbenzene	9.014	91	176993	5.322	ug/L	98
53) m,p-xylene	9.140	106	71217	5.340	ug/L	99
54) o-xylene	9.545	106	66448	5.293	ug/L	100
55) Styrene	9.561	104	118539	5.468	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	32219	4.944	ug/L	99
59) Bromoform	9.735	173	19654	4.677	ug/L	99
60) Isopropylbenzene	9.934	105	182526	5.005	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	22763	4.485	ug/L	96
62) 1,3,5-Trimethylbenzene	10.542	105	144527	4.934	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	148331	5.073	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	94708	4.935	ug/L	97
65) 1,4-Dichlorobenzene	11.275	146	94854	4.866	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	87927	4.922	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.432	75	4738	4.731	ug/L #	78
69) 1,3,5-Trichlorobenzene	12.644	180	70887	4.850	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	55601	5.084	ug/L	100
71) Naphthalene	13.503	128	82894	4.985	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	50563	4.980	ug/L	99

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

