

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110821\
 Data File : VW023273.D
 Acq On : 08 Nov 2021 10:39
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005341

Quant Time: Nov 09 05:10:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 09 03:48:20 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	132155	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	131595	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73434	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	37220	4.496	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.000%
7) Chloroethane-d5	1.568	69	33176	4.917	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.400%
11) 1,1-Dichloroethene-d2	2.108	63	78355	5.056	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.200%
20) 2-Butanone-d5	3.899	46	73550	51.566	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.140%
24) Chloroform-d	4.346	84	89111	5.051	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.034	65	40234	5.071	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	5.047	84	167079	4.948	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.066	67	49459	4.976	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.600%
41) Toluene-d8	7.313	98	160985	5.088	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
43) trans-1,3-Dichloroprop...	7.622	79	19051	5.055	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.000%
46) 2-Hexanone-d5	8.088	63	75625	54.537	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.080%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	36846	5.155	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	59270	4.847	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	68312	5.301	ug/L	99
3) Chloromethane	1.240	50	58321	5.323	ug/L	94
5) Vinyl chloride	1.310	62	59762	5.462	ug/L	96
6) Bromomethane	1.519	94	31909	4.562	ug/L	100
8) Chloroethane	1.584	64	35810	5.671	ug/L	99
9) Trichlorofluoromethane	1.751	101	90702	5.517	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	46475	5.615	ug/L	98
12) 1,1-Dichloroethene	2.118	96	43266	5.490	ug/L	87
13) Acetone	2.191	43	45304	51.982	ug/L	88
14) Carbon disulfide	2.294	76	156580	5.265	ug/L	99
15) Methyl Acetate	2.439	43	14770	5.988	ug/L	93
16) Methylene chloride	2.507	84	50551	4.395	ug/L	94
17) Methyl tert-butyl Ether	2.767	73	90619	5.224	ug/L	97
18) trans-1,2-Dichloroethene	2.757	96	50992	5.263	ug/L	98
19) 1,1-Dichloroethane	3.188	63	88926	5.437	ug/L	98
21) 2-Butanone	3.982	43	73997	52.516	ug/L	97
22) cis-1,2-Dichloroethene	3.912	96	49891	5.351	ug/L	# 92
23) Bromochloromethane	4.246	128	22995	5.349	ug/L	84
25) Chloroform	4.371	83	94546	5.423	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	49122	5.297	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	85101	5.325	ug/L	99
30) Cyclohexane	4.677	56	74346	5.191	ug/L	99
31) Carbon tetrachloride	4.825	117	77661	5.410	ug/L	97
33) Benzene	5.098	78	201886	5.489	ug/L	100
34) Trichloroethene	5.912	95	52143	5.331	ug/L	98
35) Methylcyclohexane	6.130	83	81569	5.284	ug/L	97
37) 1,2-Dichloropropane	6.172	63	47294	5.508	ug/L	98
38) Bromodichloromethane	6.510	83	61308	5.328	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	63834	5.169	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	230567	57.896	ug/L	99
42) Toluene	7.387	91	223208	5.674	ug/L	96
44) trans-1,3-Dichloropropene	7.651	75	56027	5.467	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	33419	5.417	ug/L	99
47) Tetrachloroethene	7.973	164	46373	5.471	ug/L	97
48) 2-Hexanone	8.140	43	172081	61.666	ug/L	99
49) Dibromochloromethane	8.246	129	42758	5.470	ug/L	97
50) 1,2-Dibromoethane	8.352	107	31807	5.563	ug/L #	98
51) Chlorobenzene	8.879	112	137511	5.259	ug/L	99
52) Ethylbenzene	9.011	91	221493	5.338	ug/L	99
53) m,p-xylene	9.137	106	90590	5.563	ug/L	97
54) o-xylene	9.545	106	84363	5.522	ug/L	100
55) Styrene	9.561	104	149771	5.723	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	36642	5.421	ug/L	99
59) Bromoform	9.731	173	23307	5.314	ug/L	99
60) Isopropylbenzene	9.931	105	227306	5.394	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	25695	5.267	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	187566	5.368	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	188617	5.424	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	117633	5.463	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	118605	5.394	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	104711	5.435	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	5453	5.247	ug/L	89
69) 1,3,5-Trichlorobenzene	12.644	180	88468	5.248	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	67426	4.994	ug/L	99
71) Naphthalene	13.503	128	93263	4.685	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	59587	5.045	ug/L	99

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

