

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW113021\
 Data File : VW023750.D
 Acq On : 30 Nov 2021 17:30
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005376

Quant Time: Dec 01 01:22:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 01 01:21:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	136631	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	133545	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	75243	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	46936	4.185	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.600%
7) Chloroethane-d5	1.571	69	36611	4.153	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.000%
11) 1,1-Dichloroethene-d2	2.111	63	88259	4.465	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.200%
20) 2-Butanone-d5	3.899	46	85935	63.732	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.460%
24) Chloroform-d	4.352	84	92857	4.754	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.034	65	43201	4.735	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	5.050	84	174796	4.805	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	6.069	67	49496	4.853	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.317	98	174264	5.127	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
43) trans-1,3-Dichloroprop...	7.622	79	19644	4.778	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.600%
46) 2-Hexanone-d5	8.088	63	74458	54.514	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.020%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	35399	4.823	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	65287	4.908	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	60965	4.703	ug/L	98
3) Chloromethane	1.243	50	55500	4.925	ug/L	99
5) Vinyl chloride	1.314	62	58461	4.940	ug/L	98
6) Bromomethane	1.526	94	38353	5.715	ug/L	98
8) Chloroethane	1.587	64	35931	4.791	ug/L	94
9) Trichlorofluoromethane	1.754	101	95003	4.926	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	49566	5.129	ug/L	98
12) 1,1-Dichloroethene	2.121	96	47064	5.141	ug/L	95
13) Acetone	2.188	43	71732	59.121	ug/L	74
14) Carbon disulfide	2.298	76	138707	4.508	ug/L	100
15) Methyl Acetate	2.439	43	15059	5.468	ug/L	99
16) Methylene chloride	2.510	84	51908	3.974	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	98653	5.259	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	50693	4.862	ug/L	98
19) 1,1-Dichloroethane	3.191	63	88041	5.022	ug/L	98
21) 2-Butanone	3.979	43	95424	62.137	ug/L	92
22) cis-1,2-Dichloroethene	3.915	96	51751	5.175	ug/L	98
23) Bromochloromethane	4.256	128	23923	5.098	ug/L	89
25) Chloroform	4.378	83	96420	4.937	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	52965	5.101	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	91432	5.239	ug/L	98
30) Cyclohexane	4.680	56	74266	5.099	ug/L	98
31) Carbon tetrachloride	4.831	117	83298	5.211	ug/L	99
33) Benzene	5.101	78	200931	5.278	ug/L	100
34) Trichloroethene	5.915	95	53077	5.204	ug/L	98
35) Methylcyclohexane	6.130	83	83248	5.236	ug/L	98
37) 1,2-Dichloropropane	6.175	63	46607	5.150	ug/L	99
38) Bromodichloromethane	6.510	83	64042	5.214	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	68584	5.325	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	228137	52.808	ug/L	98
42) Toluene	7.387	91	224455	5.436	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	58267	5.383	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	34227	5.462	ug/L	97
47) Tetrachloroethene	7.976	164	48771	5.254	ug/L	99
48) 2-Hexanone	8.140	43	166845	52.253	ug/L	98
49) Dibromochloromethane	8.246	129	44519	5.184	ug/L	99
50) 1,2-Dibromoethane	8.352	107	30853	5.049	ug/L	96
51) Chlorobenzene	8.883	112	143633	5.247	ug/L	99
52) Ethylbenzene	9.011	91	234710	5.438	ug/L	100
53) m,p-xylene	9.140	106	95998	5.589	ug/L	99
54) o-xylene	9.542	106	90094	5.515	ug/L	99
55) Styrene	9.561	104	156783	5.696	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.243	83	36230	5.196	ug/L	99
59) Bromoform	9.731	173	25186	5.068	ug/L	99
60) Isopropylbenzene	9.931	105	240663	5.357	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	26595	4.984	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	201769	5.397	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	204670	5.536	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	122143	5.317	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	119632	5.182	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	109345	5.201	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	5881	5.550	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	96407	5.376	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	73245	5.263	ug/L	97
71) Naphthalene	13.503	128	107768	5.755	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	66338	5.502	ug/L	99

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

