

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102021\
 Data File : VW022947.D
 Acq On : 20 Oct 2021 21:57
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005318

Quant Time: Oct 21 02:51:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 21 02:43:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	137033	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	139372	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	76733	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	45216	4.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.00%
7) Chloroethane-d5	1.568	69	33878	4.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.00%
11) 1,1-Dichloroethene-d2	2.108	63	75830	4.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.00%
20) 2-Butanone-d5	3.886	46	84322	34.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.22%
24) Chloroform-d	4.346	84	78888	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.20%
26) 1,2-Dichloroethane-d4	5.030	65	41999	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
32) Benzene-d6	5.046	84	190076	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.066	67	57964	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.313	98	178781	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
43) trans-1,3-Dichloroprop...	7.622	79	17223	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.088	63	76702	46.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.40%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39744	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
66) 1,2-Dichlorobenzene-d4	11.625	152	64452	4.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.60%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	48245	4.83	ug/L	99
3) Chloromethane	1.240	50	52611	5.24	ug/L	100
5) Vinyl chloride	1.310	62	54628	5.27	ug/L	99
6) Bromomethane	1.519	94	21269	3.29	ug/L	96
8) Chloroethane	1.584	64	26445	4.12	ug/L	97
9) Trichlorofluoromethane	1.751	101	72933	4.80	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	39562	4.48	ug/L	96
12) 1,1-Dichloroethene	2.117	96	36755	4.44	ug/L	87
13) Acetone	2.175	43	47984	34.81	ug/L #	53
14) Carbon disulfide	2.294	76	128439	5.52	ug/L	99
15) Methyl Acetate	2.436	43	16112	4.08	ug/L	98
16) Methylene chloride	2.503	84	57888	5.08	ug/L	93
17) Methyl tert-butyl Ether	2.764	73	87938	4.39	ug/L	96
18) trans-1,2-Dichloroethene	2.757	96	47948	5.33	ug/L	98
19) 1,1-Dichloroethane	3.185	63	87341	5.39	ug/L	98
21) 2-Butanone	3.966	43	81066	35.92	ug/L	100
22) cis-1,2-Dichloroethene	3.908	96	48119	5.09	ug/L	98
23) Bromochloromethane	4.243	128	23391	5.57	ug/L	92
25) Chloroform	4.371	83	111026	5.91	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	47529	5.07	ug/L	95
29) 1,1,1-Trichloroethane	4.603	97	79080	4.97	ug/L	99
30) Cyclohexane	4.674	56	64904	4.42	ug/L	99
31) Carbon tetrachloride	4.825	117	69635	5.04	ug/L	100
33) Benzene	5.098	78	191674	5.11	ug/L	100
34) Trichloroethene	5.911	95	49237	4.82	ug/L	97
35) Methylcyclohexane	6.127	83	70217	4.91	ug/L	96
37) 1,2-Dichloropropane	6.169	63	47015	5.21	ug/L	98
38) Bromodichloromethane	6.506	83	57994	5.21	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	60142	5.03	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	229853	47.38	ug/L	98
42) Toluene	7.387	91	209805	5.51	ug/L	97
44) trans-1,3-Dichloropropene	7.651	75	51217	5.26	ug/L	93
45) 1,1,2-Trichloroethane	7.837	97	33205	4.96	ug/L	97
47) Tetrachloroethene	7.976	164	41813	5.06	ug/L	98
48) 2-Hexanone	8.136	43	166234	46.87	ug/L	97
49) Dibromochloromethane	8.246	129	40639	5.18	ug/L	94
50) 1,2-Dibromoethane	8.352	107	30291	4.84	ug/L	100
51) Chlorobenzene	8.879	112	133638	5.34	ug/L	99
52) Ethylbenzene	9.011	91	209413	5.41	ug/L	99
53) m,p-xylene	9.136	106	83071	5.47	ug/L	98
54) o-xylene	9.545	106	78629	5.50	ug/L	96
55) Styrene	9.561	104	141018	5.73	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.242	83	36156	5.33	ug/L	100
59) Bromoform	9.731	173	21827	5.08	ug/L	97
60) Isopropylbenzene	9.931	105	211509	5.43	ug/L	98
61) 1,2,3-Trichloropropane	10.275	75	25567	4.80	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	164789	5.23	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	171921	5.46	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	110714	5.41	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	111502	5.37	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	99212	5.17	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	5346	5.51	ug/L	87
69) 1,3,5-Trichlorobenzene	12.644	180	83616	5.43	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	64862	5.51	ug/L	100
71) Naphthalene	13.503	128	89611	4.79	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	58350	5.26	ug/L	98

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

