

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101821\
 Data File : VV022881.D
 Acq On : 18 Oct 2021 21:03
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005315

Quant Time: Oct 19 01:46:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 19 01:43:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	130611	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	131889	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73874	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	45701	5.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.80%
7) Chloroethane-d5	1.565	69	36247	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.108	63	77459	4.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.80%
20) 2-Butanone-d5	3.889	46	103070	43.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.48%
24) Chloroform-d	4.352	84	96706	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
26) 1,2-Dichloroethane-d4	5.034	65	42962	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.053	84	186920	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.069	67	57373	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.317	98	178386	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
43) trans-1,3-Dichloroprop...	7.625	79	18999	4.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.60%
46) 2-Hexanone-d5	8.088	63	86208	55.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.92%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	41814	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.20%
66) 1,2-Dichlorobenzene-d4	11.625	152	66209	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	46940	4.93	ug/L	99
3) Chloromethane	1.240	50	48934	5.11	ug/L	99
5) Vinyl chloride	1.311	62	51355	5.20	ug/L	99
6) Bromomethane	1.520	94	24955	4.05	ug/L	100
8) Chloroethane	1.584	64	25757	4.21	ug/L	98
9) Trichlorofluoromethane	1.751	101	66795	4.61	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	38315	4.55	ug/L	96
12) 1,1-Dichloroethene	2.118	96	35843	4.54	ug/L	89
13) Acetone	2.179	43	60527	46.07	ug/L #	40
14) Carbon disulfide	2.294	76	120683	5.44	ug/L	100
15) Methyl Acetate	2.436	43	16382	4.36	ug/L	99
16) Methylene chloride	2.507	84	50563	4.66	ug/L	95
17) Methyl tert-butyl Ether	2.767	73	90083	4.72	ug/L	97
18) trans-1,2-Dichloroethene	2.761	96	44773	5.22	ug/L	96
19) 1,1-Dichloroethane	3.191	63	83010	5.37	ug/L	98
21) 2-Butanone	3.973	43	93256	43.35	ug/L	92
22) cis-1,2-Dichloroethene	3.912	96	47166	5.24	ug/L	97
23) Bromochloromethane	4.253	128	21495	5.37	ug/L	97
25) Chloroform	4.378	83	85701	4.78	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	45222	5.06	ug/L	94
29) 1,1,1-Trichloroethane	4.609	97	74216	4.93	ug/L	99
30) Cyclohexane	4.680	56	62033	4.46	ug/L	99
31) Carbon tetrachloride	4.828	117	65027	4.97	ug/L	99
33) Benzene	5.101	78	181952	5.12	ug/L	100
34) Trichloroethene	5.918	95	46574	4.82	ug/L	98
35) Methylcyclohexane	6.133	83	67431	4.98	ug/L	96
37) 1,2-Dichloropropane	6.175	63	47039	5.51	ug/L	99
38) Bromodichloromethane	6.513	83	56387	5.36	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	56140	4.96	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	239765	52.23	ug/L	99
42) Toluene	7.391	91	198135	5.49	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	51050	5.54	ug/L	95
45) 1,1,2-Trichloroethane	7.841	97	32961	5.20	ug/L	97
47) Tetrachloroethene	7.979	164	39924	5.11	ug/L	99
48) 2-Hexanone	8.140	43	177213	52.80	ug/L	97
49) Dibromochloromethane	8.249	129	39985	5.39	ug/L	93
50) 1,2-Dibromoethane	8.355	107	30630	5.17	ug/L	96
51) Chlorobenzene	8.883	112	125977	5.32	ug/L	98
52) Ethylbenzene	9.014	91	196676	5.37	ug/L	100
53) m,p-xylene	9.140	106	78640	5.47	ug/L	100
54) o-xylene	9.545	106	74858	5.54	ug/L	94
55) Styrene	9.561	104	132794	5.70	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	37349	5.82	ug/L	98
59) Bromoform	9.735	173	21588	5.22	ug/L	99
60) Isopropylbenzene	9.934	105	200464	5.34	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	26403	5.14	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	160639	5.30	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	165129	5.44	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	105681	5.37	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	106993	5.35	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	98079	5.31	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.432	75	5535	5.92	ug/L #	78
69) 1,3,5-Trichlorobenzene	12.648	180	82279	5.55	ug/L	98
70) 1,2,4-trichlorobenzene	13.265	180	65053	5.74	ug/L	100
71) Naphthalene	13.503	128	99035	5.50	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	60521	5.66	ug/L	99

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

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