

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101421\
 Data File : VV022780.D
 Acq On : 14 Oct 2021 09:43
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005309

Quant Time: Oct 15 01:51:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 14 02:12:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	125896	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	125731	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	72439	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	35475	4.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.00%
7) Chloroethane-d5	1.568	69	33269	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.40%
11) 1,1-Dichloroethene-d2	2.108	63	65207	3.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.80%
20) 2-Butanone-d5	3.899	46	93397	41.12	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.24%
24) Chloroform-d	4.346	84	88978	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.031	65	38561	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
32) Benzene-d6	5.047	84	163090	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
36) 1,2-Dichloropropane-d6	6.069	67	50637	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	7.313	98	151155	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
43) trans-1,3-Dichloroprop...	7.622	79	16653	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.088	63	74307	50.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.30%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	38441	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
66) 1,2-Dichlorobenzene-d4	11.625	152	60440	4.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.00%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	48696	5.31	ug/L	100
3) Chloromethane	1.240	50	51425	5.58	ug/L	97
5) Vinyl chloride	1.310	62	50694	5.32	ug/L	99
6) Bromomethane	1.523	94	31552	5.31	ug/L	95
8) Chloroethane	1.584	64	27284	4.63	ug/L	97
9) Trichlorofluoromethane	1.751	101	69089	4.95	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	39147	4.82	ug/L	98
12) 1,1-Dichloroethene	2.117	96	34473	4.53	ug/L	83
13) Acetone	2.204	43	57321	45.26	ug/L	99
14) Carbon disulfide	2.291	76	118839	5.56	ug/L	99
15) Methyl Acetate	2.442	43	13216	3.65	ug/L	98
16) Methylene chloride	2.507	84	45675	4.36	ug/L	92
17) Methyl tert-butyl Ether	2.767	73	77449	4.21	ug/L	96
18) trans-1,2-Dichloroethene	2.757	96	43436	5.25	ug/L	99
19) 1,1-Dichloroethane	3.188	63	76705	5.15	ug/L	97
21) 2-Butanone	3.982	43	83055	40.05	ug/L	98
22) cis-1,2-Dichloroethene	3.912	96	41829	4.82	ug/L	95
23) Bromochloromethane	4.249	128	20041	5.19	ug/L	97
25) Chloroform	4.371	83	78536	4.55	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	40842	4.74	ug/L	96
29) 1,1,1-Trichloroethane	4.606	97	70967	4.94	ug/L	99
30) Cyclohexane	4.674	56	58602	4.42	ug/L	99
31) Carbon tetrachloride	4.828	117	63755	5.12	ug/L	98
33) Benzene	5.098	78	168767	4.98	ug/L	100
34) Trichloroethene	5.915	95	41902	4.55	ug/L	98
35) Methylcyclohexane	6.130	83	64967	5.04	ug/L	95
37) 1,2-Dichloropropane	6.172	63	42226	5.18	ug/L	98
38) Bromodichloromethane	6.510	83	51591	5.14	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	52369	4.86	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	194096	44.35	ug/L	99
42) Toluene	7.387	91	186035	5.41	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	44859	5.10	ug/L	96
45) 1,1,2-Trichloroethane	7.838	97	28570	4.73	ug/L	97
47) Tetrachloroethene	7.976	164	39099	5.25	ug/L	97
48) 2-Hexanone	8.140	43	146390	45.75	ug/L	98
49) Dibromochloromethane	8.246	129	36573	5.17	ug/L	90
50) 1,2-Dibromoethane	8.352	107	26842	4.76	ug/L	99
51) Chlorobenzene	8.879	112	118468	5.24	ug/L	99
52) Ethylbenzene	9.011	91	184643	5.29	ug/L	99
53) m,p-xylene	9.140	106	74840	5.46	ug/L	96
54) o-xylene	9.545	106	69577	5.40	ug/L	95
55) Styrene	9.561	104	125472	5.65	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	33241	5.44	ug/L	100
59) Bromoform	9.731	173	19651	4.84	ug/L	99
60) Isopropylbenzene	9.931	105	190166	5.17	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	23066	4.58	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	150820	5.07	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	156503	5.26	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	101243	5.24	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	98579	5.03	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	89454	4.94	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	5011	5.47	ug/L #	81
69) 1,3,5-Trichlorobenzene	12.644	180	79788	5.48	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	60998	5.49	ug/L	100
71) Naphthalene	13.503	128	86067	4.87	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	55088	5.26	ug/L	98

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

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