

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052521\
 Data File : VW021386.D
 Acq On : 25 May 2021 13:39
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV161

Quant Time: May 26 07:46:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 26 07:36:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	255919	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	236667	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	134151	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	52018	4.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.00%
7) Chloroethane-d5	1.564	69	50142	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.105	63	102908	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.20%
20) 2-Butanone-d5	3.921	46	204896	52.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.28%
24) Chloroform-d	4.349	84	150334	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.034	65	69609	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.050	84	286535	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.072	67	93137	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.317	98	266534	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
43) trans-1,3-Dichloroprop...	7.625	79	39142	5.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.80%
46) 2-Hexanone-d5	8.092	63	189640	52.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.80%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	74644	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
66) 1,2-Dichlorobenzene-d4	11.622	152	118385	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	90886	5.29	ug/L	100
3) Chloromethane	1.237	50	76768	5.10	ug/L	97
5) Vinyl chloride	1.307	62	81213	5.19	ug/L	100
6) Bromomethane	1.516	94	53663	5.24	ug/L	98
8) Chloroethane	1.581	64	49089	5.21	ug/L	98
9) Trichlorofluoromethane	1.748	101	129793	5.38	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	72337	5.38	ug/L	98
12) 1,1-Dichloroethene	2.111	96	67562	5.32	ug/L	88
13) Acetone	2.227	43	102453	46.69	ug/L	99
14) Carbon disulfide	2.288	76	229350	5.38	ug/L	100
15) Methyl Acetate	2.449	43	32903	6.35	ug/L	92
16) Methylene chloride	2.503	84	111447	5.34	ug/L	99
17) Methyl tert-butyl Ether	2.770	73	198087	5.40	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	84672	5.34	ug/L	97
19) 1,1-Dichloroethane	3.188	63	149118	5.33	ug/L	99
21) 2-Butanone	4.002	43	185205	49.55	ug/L	89
22) cis-1,2-Dichloroethene	3.912	96	93556	5.43	ug/L	97
23) Bromochloromethane	4.246	128	42036	5.42	ug/L	96
25) Chloroform	4.375	83	150600	5.25	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	80586	5.20	ug/L	97
29) 1,1,1-Trichloroethane	4.606	97	143712	5.41	ug/L	99
30) Cyclohexane	4.674	56	138610	5.30	ug/L	98
31) Carbon tetrachloride	4.825	117	132093	5.48	ug/L	99
33) Benzene	5.098	78	330373	5.35	ug/L	100
34) Trichloroethene	5.915	95	91019	5.37	ug/L	98
35) Methylcyclohexane	6.130	83	148356	5.31	ug/L	100
37) 1,2-Dichloropropane	6.175	63	83262	5.43	ug/L	100
38) Bromodichloromethane	6.510	83	110990	5.31	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	133868	5.46	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	502578	53.61	ug/L	99
42) Toluene	7.387	91	373535	5.47	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	110910	5.50	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	61102	5.39	ug/L	98
47) Tetrachloroethene	7.976	164	82964	5.37	ug/L	97
48) 2-Hexanone	8.143	43	350854	55.05	ug/L	100
49) Dibromochloromethane	8.246	129	84409	5.49	ug/L	95
50) 1,2-Dibromoethane	8.355	107	58502	5.36	ug/L	96
51) Chlorobenzene	8.883	112	245229	5.44	ug/L	100
52) Ethylbenzene	9.011	91	420123	5.50	ug/L	99
53) m,p-xylene	9.140	106	161305	5.48	ug/L	97
54) o-xylene	9.545	106	157791	5.49	ug/L	100
55) Styrene	9.561	104	265694	5.48	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	73311	5.49	ug/L	98
59) Bromoform	9.731	173	53528	5.52	ug/L	98
60) Isopropylbenzene	9.931	105	431113	5.43	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	51252	5.38	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	366781	5.43	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	375044	5.42	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	215902	5.52	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	210264	5.39	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	197050	5.45	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	12703	5.44	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	191438	5.44	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	163096	5.59	ug/L	100
71) Naphthalene	13.500	128	263995	5.77	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	144746	5.59	ug/L	99

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

