

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040822\
 Data File : VW025408.D
 Acq On : 08 Apr 2022 14:10
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV236

Quant Time: Apr 09 04:46:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 09 04:40:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	229347	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	226725	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	123481	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	97965	4.594	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.800%
7) Chloroethane-d5	1.568	69	99413	4.383	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.600%
11) 1,1-Dichloroethene-d2	2.111	63	202748	4.747	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.000%
20) 2-Butanone-d5	3.883	46	121574	46.873	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.740%
24) Chloroform-d	4.346	84	146633	4.551	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	5.031	65	65541	4.721	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.047	84	298271	4.547	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.066	67	82213	4.494	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.310	98	278824	4.580	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	7.619	79	29224	4.752	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.000%
46) 2-Hexanone-d5	8.085	63	103228	47.831	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.660%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	52264	4.522	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	95323	4.604	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	97227	4.693	ug/L	98
3) Chloromethane	1.243	50	121564	5.400	ug/L	99
5) Vinyl chloride	1.314	62	137469	5.404	ug/L	99
6) Bromomethane	1.526	94	93661	5.106	ug/L	99
8) Chloroethane	1.587	64	107220	5.460	ug/L	98
9) Trichlorofluoromethane	1.754	101	186032	5.206	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	92553	4.610	ug/L	100
12) 1,1-Dichloroethene	2.121	96	105844	5.321	ug/L	81
13) Acetone	2.175	43	95342	54.158	ug/L	98
14) Carbon disulfide	2.294	76	258041	5.419	ug/L	100
15) Methyl Acetate	2.436	43	22217	5.678	ug/L	92
16) Methylene chloride	2.507	84	96377	4.997	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	170921	5.553	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	90926	5.455	ug/L	93
19) 1,1-Dichloroethane	3.188	63	152657	5.407	ug/L	98
21) 2-Butanone	3.963	43	140773	57.870	ug/L	99
22) cis-1,2-Dichloroethene	3.908	96	97484	5.555	ug/L	94
23) Bromochloromethane	4.246	128	39446	5.414	ug/L	95
25) Chloroform	4.375	83	163635	5.491	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	87226	5.547	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	147567	5.519	ug/L	98
30) Cyclohexane	4.677	56	122682	5.046	ug/L	99
31) Carbon tetrachloride	4.825	117	122811	5.430	ug/L	99
33) Benzene	5.095	78	364646	5.445	ug/L	100
34) Trichloroethene	5.908	95	96885	5.448	ug/L	99
35) Methylcyclohexane	6.127	83	127206	4.483	ug/L	99
37) 1,2-Dichloropropane	6.169	63	84322	5.442	ug/L	100
38) Bromodichloromethane	6.506	83	106573	5.541	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	116578	5.741	ug/L	96
40) 4-Methyl-2-pentanone	7.220	43	355586	57.317	ug/L	98
42) Toluene	7.384	91	395740	5.432	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	90967	5.766	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	57434	5.535	ug/L	98
47) Tetrachloroethene	7.973	164	70132	5.038	ug/L	95
48) 2-Hexanone	8.137	43	249742	57.765	ug/L	99
49) Dibromochloromethane	8.243	129	65205	5.725	ug/L	99
50) 1,2-Dibromoethane	8.349	107	52347	5.371	ug/L	98
51) Chlorobenzene	8.879	112	252865	5.436	ug/L	99
52) Ethylbenzene	9.008	91	415820	5.352	ug/L	100
53) m,p-Xylene	9.136	106	162417	5.498	ug/L	96
54) o-Xylene	9.542	106	160424	5.591	ug/L	98
55) Styrene	9.558	104	264155	5.661	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	55963	5.398	ug/L	99
59) Bromoform	9.728	173	29722	5.831	ug/L	95
60) Isopropylbenzene	9.927	105	419462	5.488	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	44293	5.446	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	186164	5.462	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	340455	5.544	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	188640	5.287	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	188396	5.202	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	166685	5.275	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.423	75	8461	6.017	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	131230	4.834	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	104411	4.990	ug/L	99
71) Naphthalene	13.500	128	170245	5.546	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	91219	5.265	ug/L	97

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

