

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101821\
 Data File : VW022872.D
 Acq On : 18 Oct 2021 17:27
 Operator : SY/MD
 Sample : M4246-05MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YAT53MS

Quant Time: Oct 19 01:45:24 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	5.622	114	124290	5.00	ug/L	0.01
28) Chlorobenzene-d5	8.854	117	126020	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73093	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	35055	4.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.00%
7) Chloroethane-d5	1.568	69	30043	3.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.20%
11) 1,1-Dichloroethene-d2	2.111	63	64045	3.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.40%
20) 2-Butanone-d5	3.889	46	84278	37.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.18%
24) Chloroform-d	4.352	84	82148	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.037	65	41096	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.053	84	177718	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.072	67	55182	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.317	98	167873	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
43) trans-1,3-Dichloroprop...	7.625	79	18055	4.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.00%
46) 2-Hexanone-d5	8.088	63	85347	57.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.92%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	40603	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.80%
66) 1,2-Dichlorobenzene-d4	11.625	152	64873	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	45208	4.99	ug/L	99
3) Chloromethane	1.240	50	47806	5.25	ug/L	96
5) Vinyl chloride	1.310	62	48850	5.19	ug/L	98
6) Bromomethane	1.523	94	24185	4.12	ug/L	99
8) Chloroethane	1.584	64	24764	4.26	ug/L	98
9) Trichlorofluoromethane	1.754	101	67977	4.93	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	35552	4.44	ug/L	97
12) 1,1-Dichloroethene	2.118	96	32419	4.32	ug/L	91
13) Acetone	2.175	43	45291	36.22	ug/L #	44
14) Carbon disulfide	2.294	76	99338	4.71	ug/L	100
15) Methyl Acetate	2.439	43	10691	2.99	ug/L	97
16) Methylene chloride	2.507	84	36975	3.58	ug/L	92
17) Methyl tert-butyl Ether	2.770	73	70786	3.90	ug/L	98
18) trans-1,2-Dichloroethene	2.761	96	38031	4.66	ug/L	93
19) 1,1-Dichloroethane	3.191	63	66625	4.53	ug/L	98
21) 2-Butanone	3.973	43	69092	33.75	ug/L	95
22) cis-1,2-Dichloroethene	3.915	96	40562	4.73	ug/L	90
23) Bromochloromethane	4.256	128	18453	4.84	ug/L	88
25) Chloroform	4.378	83	72491	4.25	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	42102	4.95	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	68959	4.79	ug/L	99
30) Cyclohexane	4.680	56	60194	4.53	ug/L	98
31) Carbon tetrachloride	4.831	117	64041	5.13	ug/L	99
33) Benzene	5.101	78	173937	5.12	ug/L	100
34) Trichloroethene	5.918	95	44457	4.82	ug/L	98
35) Methylcyclohexane	6.133	83	65365	5.05	ug/L	96
37) 1,2-Dichloropropane	6.175	63	42711	5.23	ug/L	98
38) Bromodichloromethane	6.513	83	53481	5.32	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	55281	5.12	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	206573	47.10	ug/L	99
42) Toluene	7.391	91	189950	5.51	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	47140	5.35	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	29766	4.91	ug/L	98
47) Tetrachloroethene	7.979	164	38828	5.20	ug/L	97
48) 2-Hexanone	8.140	43	149927	46.75	ug/L	97
49) Dibromochloromethane	8.249	129	36891	5.20	ug/L	92
50) 1,2-Dibromoethane	8.355	107	27989	4.95	ug/L	99
51) Chlorobenzene	8.883	112	121588	5.37	ug/L	99
52) Ethylbenzene	9.014	91	188763	5.40	ug/L	98
53) m,p-xylene	9.140	106	76429	5.57	ug/L	99
54) o-xylene	9.545	106	72531	5.62	ug/L	94
55) Styrene	9.561	104	126914	5.70	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	34056	5.56	ug/L	99
59) Bromoform	9.735	173	20092	4.91	ug/L	98
60) Isopropylbenzene	9.934	105	191861	5.17	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	23169	4.56	ug/L	97
62) 1,3,5-Trimethylbenzene	10.542	105	154648	5.16	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	159568	5.32	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	101943	5.23	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	102509	5.18	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	94445	5.17	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	4821	5.22	ug/L	90
69) 1,3,5-Trichlorobenzene	12.648	180	79930	5.45	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	62355	5.56	ug/L	99
71) Naphthalene	13.503	128	88157	4.95	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	56304	5.33	ug/L	99

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

