

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101821\
 Data File : VW022873.D
 Acq On : 18 Oct 2021 17:51
 Operator : SY/MD
 Sample : M4246-06MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YAT53MSD

Quant Time: Oct 19 01:45:37 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	124831	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	126369	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	71667	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	35838	4.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.40%
7) Chloroethane-d5	1.568	69	33535	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.00%
11) 1,1-Dichloroethene-d2	2.108	63	64126	3.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.20%
20) 2-Butanone-d5	3.886	46	102812	45.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.30%
24) Chloroform-d	4.349	84	93537	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
26) 1,2-Dichloroethane-d4	5.037	65	41417	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.053	84	179818	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.072	67	56204	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.317	98	167318	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
43) trans-1,3-Dichloroprop...	7.625	79	18429	4.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.80%
46) 2-Hexanone-d5	8.088	63	85577	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	40719	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.00%
66) 1,2-Dichlorobenzene-d4	11.625	152	64324	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	45590	5.01	ug/L	98
3) Chloromethane	1.240	50	48471	5.30	ug/L	100
5) Vinyl chloride	1.310	62	49496	5.24	ug/L	98
6) Bromomethane	1.519	94	25572	4.34	ug/L	98
8) Chloroethane	1.584	64	26479	4.53	ug/L	97
9) Trichlorofluoromethane	1.751	101	68229	4.93	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	36999	4.60	ug/L	94
12) 1,1-Dichloroethene	2.117	96	34514	4.58	ug/L	83
13) Acetone	2.175	43	46358	36.92	ug/L #	45
14) Carbon disulfide	2.294	76	96778	4.57	ug/L	99
15) Methyl Acetate	2.436	43	11667	3.25	ug/L	100
16) Methylene chloride	2.507	84	38158	3.68	ug/L	92
17) Methyl tert-butyl Ether	2.767	73	80764	4.43	ug/L	97
18) trans-1,2-Dichloroethene	2.764	96	43199	5.27	ug/L	95
19) 1,1-Dichloroethane	3.191	63	78842	5.34	ug/L	98
21) 2-Butanone	3.973	43	82817	40.28	ug/L	96
22) cis-1,2-Dichloroethene	3.912	96	44763	5.20	ug/L	95
23) Bromochloromethane	4.252	128	20819	5.44	ug/L	96
25) Chloroform	4.378	83	82838	4.84	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	42486	4.97	ug/L	96
29) 1,1,1-Trichloroethane	4.609	97	71278	4.94	ug/L	99
30) Cyclohexane	4.680	56	61873	4.65	ug/L	99
31) Carbon tetrachloride	4.831	117	63424	5.06	ug/L	100
33) Benzene	5.101	78	176582	5.19	ug/L	100
34) Trichloroethene	5.918	95	43947	4.75	ug/L	97
35) Methylcyclohexane	6.133	83	66442	5.12	ug/L	96
37) 1,2-Dichloropropane	6.175	63	42396	5.18	ug/L	99
38) Bromodichloromethane	6.513	83	54089	5.36	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	56238	5.19	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	210676	47.90	ug/L	99
42) Toluene	7.391	91	191598	5.55	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	48491	5.49	ug/L	92
45) 1,1,2-Trichloroethane	7.841	97	29859	4.92	ug/L	97
47) Tetrachloroethene	7.979	164	38650	5.16	ug/L	97
48) 2-Hexanone	8.140	43	151907	47.24	ug/L	97
49) Dibromochloromethane	8.246	129	36990	5.20	ug/L	90
50) 1,2-Dibromoethane	8.355	107	28423	5.01	ug/L	98
51) Chlorobenzene	8.882	112	122185	5.38	ug/L	98
52) Ethylbenzene	9.014	91	189783	5.41	ug/L	98
53) m,p-xylene	9.140	106	75800	5.51	ug/L	99
54) o-xylene	9.545	106	72045	5.56	ug/L	98
55) Styrene	9.561	104	128161	5.74	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	34600	5.63	ug/L	94
59) Bromoform	9.735	173	20225	5.04	ug/L	99
60) Isopropylbenzene	9.934	105	195734	5.38	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	23538	4.73	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	153207	5.21	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	160742	5.46	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	101466	5.31	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	104194	5.37	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	91817	5.12	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	4888	5.39	ug/L	90
69) 1,3,5-Trichlorobenzene	12.648	180	79246	5.51	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	62128	5.65	ug/L	99
71) Naphthalene	13.503	128	92345	5.28	ug/L	97
72) 1,2,3-Trichlorobenzene	13.744	180	56617	5.46	ug/L	100

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

