

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100721\
 Data File : VW022686.D
 Acq On : 08 Oct 2021 00:40
 Operator : SY/MD
 Sample : M4098-03MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YAT35MSD

Quant Time: Oct 08 04:05:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 08 04:01:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	114878	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	116707	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	63829	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	36695	4.643	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.800%
7) Chloroethane-d5	1.564	69	35737	5.032	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.600%
11) 1,1-Dichloroethene-d2	2.105	63	73656	4.751	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.000%
20) 2-Butanone-d5	3.915	46	76377	36.854	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.700%
24) Chloroform-d	4.349	84	69450	4.264	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
26) 1,2-Dichloroethane-d4	5.037	65	37304	4.719	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.050	84	155275	4.469	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
36) 1,2-Dichloropropane-d6	6.072	67	46003	4.471	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.400%
41) Toluene-d8	7.317	98	143227	4.769	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
43) trans-1,3-Dichloroprop...	7.625	79	15208	4.456	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.200%
46) 2-Hexanone-d5	8.095	63	76814	55.845	ug/L	-0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.700%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	35325	5.068	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	56308	4.758	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	43104	5.148	ug/L	97
3) Chloromethane	1.240	50	45724	5.434	ug/L	99
5) Vinyl chloride	1.307	62	46931	5.398	ug/L	99
6) Bromomethane	1.519	94	30955	5.711	ug/L	98
8) Chloroethane	1.584	64	29062	5.403	ug/L	97
9) Trichlorofluoromethane	1.751	101	67143	5.272	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	38452	5.190	ug/L	99
12) 1,1-Dichloroethene	2.114	96	36867	5.313	ug/L	89
13) Acetone	2.201	43	40970	35.453	ug/L	98
14) Carbon disulfide	2.288	76	101616	5.211	ug/L	100
15) Methyl Acetate	2.439	43	16612	5.024	ug/L #	84
16) Methylene chloride	2.503	84	39229	4.107	ug/L	97
17) Methyl tert-butyl Ether	2.773	73	94276	5.615	ug/L	96
18) trans-1,2-Dichloroethene	2.751	96	43540	5.770	ug/L	99
19) 1,1-Dichloroethane	3.185	63	73133	5.381	ug/L	99
21) 2-Butanone	4.002	43	68676	36.295	ug/L	96
22) cis-1,2-Dichloroethene	3.912	96	42265	5.334	ug/L	95
23) Bromochloromethane	4.249	128	20180	5.732	ug/L	89
25) Chloroform	4.375	83	87464	5.551	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	40800	5.188	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	65469	4.912	ug/L	99
30) Cyclohexane	4.674	56	55173	4.486	ug/L	98
31) Carbon tetrachloride	4.822	117	57680	4.986	ug/L	98
33) Benzene	5.098	78	158426	5.040	ug/L	100
34) Trichloroethene	5.915	95	41313	4.833	ug/L	97
35) Methylcyclohexane	6.130	83	55070	4.599	ug/L	98
37) 1,2-Dichloropropane	6.178	63	37303	4.934	ug/L	99
38) Bromodichloromethane	6.513	83	47868	5.139	ug/L	93
39) cis-1,3-Dichloropropene	7.031	75	50975	5.094	ug/L	99
40) 4-Methyl-2-pentanone	7.233	43	228346	56.216	ug/L	98
42) Toluene	7.387	91	171394	5.371	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	43014	5.272	ug/L	95
45) 1,1,2-Trichloroethane	7.841	97	29373	5.236	ug/L	98
47) Tetrachloroethene	7.976	164	34893	5.048	ug/L	95
48) 2-Hexanone	8.146	43	167422	56.372	ug/L	98
49) Dibromochloromethane	8.246	129	34658	5.278	ug/L	92
50) 1,2-Dibromoethane	8.355	107	27637	5.276	ug/L	97
51) Chlorobenzene	8.883	112	110379	5.264	ug/L	99
52) Ethylbenzene	9.014	91	169874	5.244	ug/L	99
53) m,p-xylene	9.140	106	67977	5.347	ug/L	98
54) o-xylene	9.545	106	66196	5.534	ug/L	93
55) Styrene	9.561	104	116142	5.635	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	33047	5.823	ug/L	97
59) Bromoform	9.735	173	19226	5.377	ug/L	98
60) Isopropylbenzene	9.934	105	172936	5.334	ug/L	100
61) 1,2,3-Trichloropropane	10.278	75	23757	5.357	ug/L	98
62) 1,3,5-Trimethylbenzene	10.542	105	137720	5.257	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	143550	5.476	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	89725	5.273	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	88681	5.133	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	86231	5.402	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	4521	5.601	ug/L #	82
69) 1,3,5-Trichlorobenzene	12.648	180	65800	5.133	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	52015	5.312	ug/L	99
71) Naphthalene	13.503	128	83485	5.364	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	50661	5.487	ug/L	99

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

