

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110521\
 Data File : VW023261.D
 Acq On : 06 Nov 2021 02:54
 Operator : SY/MD
 Sample : M4534-03MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GB858MSD

Quant Time: Nov 09 04:36:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 09 03:48:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	148449	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	146383	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	81162	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	39123	4.207	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.200%
7) Chloroethane-d5	1.571	69	35341	4.663	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.114	63	79782	4.583	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.600%
20) 2-Butanone-d5	3.892	46	101383	63.278	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.560%
24) Chloroform-d	4.352	84	92080	4.646	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.037	65	42207	4.736	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.053	84	174952	4.658	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
36) 1,2-Dichloropropane-d6	6.072	67	51035	4.616	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.317	98	166063	4.718	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
43) trans-1,3-Dichloroprop...	7.625	79	19475	4.645	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.000%
46) 2-Hexanone-d5	8.088	63	79756	51.706	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.420%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	38442	4.835	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	61941	4.583	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	67346	4.652	ug/L	99
3) Chloromethane	1.243	50	61685	5.012	ug/L	97
5) Vinyl chloride	1.314	62	60308	4.907	ug/L	99
6) Bromomethane	1.523	94	33532	4.268	ug/L	99
8) Chloroethane	1.587	64	37007	5.217	ug/L	99
9) Trichlorofluoromethane	1.754	101	89442	4.843	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	46140	4.963	ug/L	98
12) 1,1-Dichloroethene	2.121	96	43655	4.931	ug/L	95
13) Acetone	2.185	43	59767	61.050	ug/L	90
14) Carbon disulfide	2.298	76	156478	4.684	ug/L	99
15) Methyl Acetate	2.439	43	14546	5.250	ug/L	99
16) Methylene chloride	2.510	84	50029	3.873	ug/L	93
17) Methyl tert-butyl Ether	2.767	73	94274	4.838	ug/L	96
18) trans-1,2-Dichloroethene	2.764	96	50962	4.683	ug/L	97
19) 1,1-Dichloroethane	3.191	63	89644	4.879	ug/L	98
21) 2-Butanone	3.976	43	96302	60.844	ug/L	98
22) cis-1,2-Dichloroethene	3.915	96	52032	4.968	ug/L	# 96
23) Bromochloromethane	4.253	128	23172	4.798	ug/L	83
25) Chloroform	4.378	83	92001	4.697	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	50792	4.876	ug/L	100
29) 1,1,1-Trichloroethane	4.609	97	84522	4.754	ug/L	99
30) Cyclohexane	4.680	56	76906	4.827	ug/L	99
31) Carbon tetrachloride	4.831	117	76704	4.804	ug/L	96
33) Benzene	5.101	78	203853	4.982	ug/L	100
34) Trichloroethene	5.918	95	51654	4.747	ug/L	96
35) Methylcyclohexane	6.133	83	79532	4.631	ug/L	97
37) 1,2-Dichloropropane	6.175	63	47451	4.968	ug/L	97
38) Bromodichloromethane	6.510	83	61634	4.815	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	65735	4.785	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	239591	54.084	ug/L	98
42) Toluene	7.391	91	223178	5.100	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	53617	4.704	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	32822	4.782	ug/L	97
47) Tetrachloroethene	7.976	164	46252	4.905	ug/L	97
48) 2-Hexanone	8.140	43	170589	54.955	ug/L	98
49) Dibromochloromethane	8.246	129	42402	4.876	ug/L	99
50) 1,2-Dibromoethane	8.355	107	31041	4.881	ug/L	98
51) Chlorobenzene	8.883	112	141554	4.866	ug/L	99
52) Ethylbenzene	9.014	91	223452	4.841	ug/L	99
53) m,p-xylene	9.140	106	90570	5.000	ug/L	97
54) o-xylene	9.545	106	84213	4.956	ug/L	100
55) Styrene	9.561	104	144467	4.963	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	37801	5.027	ug/L	98
59) Bromoform	9.731	173	22725	4.688	ug/L	99
60) Isopropylbenzene	9.931	105	230491	4.949	ug/L	98
61) 1,2,3-Trichloropropane	10.275	75	26864	4.983	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	185251	4.797	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	191739	4.988	ug/L	98
64) 1,3-Dichlorobenzene	11.182	146	117364	4.932	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	117149	4.820	ug/L	99
67) 1,2-Dichlorobenzene	11.645	146	104372	4.901	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	5813	5.061	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	86104	4.621	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	69101	4.631	ug/L	98
71) Naphthalene	13.503	128	99017	4.500	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	61844	4.737	ug/L	98

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

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