

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111521\
 Data File : VW023512.D
 Acq On : 16 Nov 2021 03:06
 Operator : SY/MD
 Sample : M4694-04MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4651MS

Quant Time: Nov 16 05:18:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 16 02:06:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	134072	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	132920	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	72777	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	40496	4.821	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.400%
7) Chloroethane-d5	1.571	69	31811	4.647	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.111	63	73799	4.694	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.800%
20) 2-Butanone-d5	3.902	46	81746	56.493	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.980%
24) Chloroform-d	4.349	84	79732	4.454	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	5.034	65	37175	4.618	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.053	84	151927	4.455	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.069	67	43610	4.344	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.800%
41) Toluene-d8	7.316	98	147534	4.616	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	7.625	79	16456	4.323	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.400%
46) 2-Hexanone-d5	8.088	63	62748	44.800	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.600%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	33083	4.582	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	55652	4.592	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	54451	4.165	ug/L	100
3) Chloromethane	1.243	50	52988	4.767	ug/L	96
5) Vinyl chloride	1.314	62	191543	17.255	ug/L	98
6) Bromomethane	1.526	94	26661	3.757	ug/L	99
8) Chloroethane	1.587	64	43747	6.829	ug/L	98
9) Trichlorofluoromethane	1.754	101	78072	4.681	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	41674	4.963	ug/L	98
12) 1,1-Dichloroethene	2.121	96	38681	4.838	ug/L	90
13) Acetone	2.188	43	57730	65.293	ug/L	91
14) Carbon disulfide	2.297	76	122969	4.076	ug/L	99
15) Methyl Acetate	2.442	43	12655	5.057	ug/L	90
16) Methylene chloride	2.510	84	44233	3.791	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	5237465	297.592	ug/L	97
18) trans-1,2-Dichloroethene	2.764	96	60768	6.183	ug/L	98
19) 1,1-Dichloroethane	3.191	63	100356	6.048	ug/L	99
21) 2-Butanone	3.979	43	85532	59.834	ug/L	98
22) cis-1,2-Dichloroethene	3.915	96	56642	5.988	ug/L	# 92
23) Bromochloromethane	4.252	128	21040	4.824	ug/L	# 80
25) Chloroform	4.378	83	81387	4.601	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	47939	5.095	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	74925	4.641	ug/L	99
30) Cyclohexane	4.680	56	60264	4.166	ug/L	95
31) Carbon tetrachloride	4.831	117	67154	4.632	ug/L	98
33) Benzene	5.101	78	189424	5.099	ug/L	100
34) Trichloroethene	5.915	95	44160	4.470	ug/L	98
35) Methylcyclohexane	6.133	83	65361	4.191	ug/L	97
37) 1,2-Dichloropropane	6.175	63	41129	4.742	ug/L	100
38) Bromodichloromethane	6.513	83	53009	4.561	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	54539	4.372	ug/L	97
40) 4-Methyl-2-pentanone	7.226	43	214612	53.352	ug/L	98
42) Toluene	7.387	91	193635	4.873	ug/L	96
44) trans-1,3-Dichloropropene	7.651	75	47603	4.599	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	29748	4.774	ug/L	95
47) Tetrachloroethene	7.976	164	38911	4.544	ug/L	96
48) 2-Hexanone	8.140	43	155747	55.256	ug/L	96
49) Dibromochloromethane	8.246	129	37542	4.755	ug/L	98
50) 1,2-Dibromoethane	8.352	107	27024	4.679	ug/L	95
51) Chlorobenzene	8.882	112	121066	4.584	ug/L	100
52) Ethylbenzene	9.014	91	193158	4.609	ug/L	99
53) m,p-xylene	9.140	106	75338	4.580	ug/L	92
54) o-xylene	9.545	106	73029	4.733	ug/L	99
55) Styrene	9.561	104	129685	4.906	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	33795	4.950	ug/L	98
59) Bromoform	9.731	173	19781	4.551	ug/L #	97
60) Isopropylbenzene	9.931	105	196649	4.709	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	24122	4.990	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	161206	4.655	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	165725	4.808	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	98945	4.637	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	98427	4.517	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	92351	4.837	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	4395	4.267	ug/L	92
69) 1,3,5-Trichlorobenzene	12.644	180	72784	4.356	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	56562	4.228	ug/L	98
71) Naphthalene	13.503	128	80427	4.077	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	51733	4.419	ug/L	99

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

