

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110521\
 Data File : VW023267.D
 Acq On : 06 Nov 2021 05:14
 Operator : SY/MD
 Sample : M4545-03MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4605MSD

Quant Time: Nov 09 04:48:45 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	5.622	114	81325	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	83355	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	45146	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	21699	4.259	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.200%
7) Chloroethane-d5	1.571	69	18641	4.489	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.114	63	44204	4.635	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.600%
20) 2-Butanone-d5	3.883	46	102722	117.032	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	234.060%#
24) Chloroform-d	4.352	84	53122	4.893	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	5.037	65	29920	6.128	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	122.600%
32) Benzene-d6	5.053	84	96587	4.516	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.072	67	30481	4.841	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.316	98	90666	4.524	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	7.625	79	13528	5.667	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	113.400%
46) 2-Hexanone-d5	8.088	63	80597	91.761	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	183.520%#
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32596	7.199	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	144.000%#
66) 1,2-Dichlorobenzene-d4	11.625	152	37403	4.976	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	40098	5.056	ug/L	100
3) Chloromethane	1.243	50	36400	5.399	ug/L	95
5) Vinyl chloride	1.314	62	34058	5.058	ug/L	100
6) Bromomethane	1.523	94	13821	3.211	ug/L	96
8) Chloroethane	1.587	64	19756	5.084	ug/L	92
9) Trichlorofluoromethane	1.757	101	51705	5.110	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	26339	5.171	ug/L	98
12) 1,1-Dichloroethene	2.124	96	24917	5.138	ug/L	80
13) Acetone	2.175	43	63876	119.102	ug/L	94
14) Carbon disulfide	2.297	76	86318	4.717	ug/L	99
15) Methyl Acetate	2.436	43	12978	8.550	ug/L	96
16) Methylene chloride	2.510	84	30906	4.367	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	71809	6.727	ug/L	97
18) trans-1,2-Dichloroethene	2.764	96	28334	4.753	ug/L	98
19) 1,1-Dichloroethane	3.194	63	50086	4.976	ug/L	96
21) 2-Butanone	3.966	43	97844	112.841	ug/L	95
22) cis-1,2-Dichloroethene	3.915	96	30843	5.376	ug/L #	90
23) Bromochloromethane	4.256	128	15932	6.022	ug/L #	80
25) Chloroform	4.381	83	54129	5.045	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110521\
 Data File : VW023267.D
 Acq On : 06 Nov 2021 05:14
 Operator : SY/MD
 Sample : M4545-03MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4605MSD

Quant Time: Nov 09 04:48:45 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)
27) 1,2-Dichloroethane	5.133	62	35012	6.135	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	46111	4.555	ug/L	97
30) Cyclohexane	4.680	56	42478	4.683	ug/L	98
31) Carbon tetrachloride	4.831	117	41950	4.614	ug/L	99
33) Benzene	5.101	78	112080	4.811	ug/L	100
34) Trichloroethene	5.918	95	33677	5.436	ug/L	96
35) Methylcyclohexane	6.133	83	44222	4.522	ug/L	96
37) 1,2-Dichloropropane	6.178	63	28189	5.183	ug/L	98
38) Bromodichloromethane	6.509	83	37188	5.102	ug/L	94
39) cis-1,3-Dichloropropene	7.030	75	38395	4.908	ug/L	100
40) 4-Methyl-2-pentanone	7.226	43	225701	89.473	ug/L	98
42) Toluene	7.390	91	120371	4.830	ug/L	97
44) trans-1,3-Dichloropropene	7.654	75	35613	5.486	ug/L	96
45) 1,1,2-Trichloroethane	7.841	97	24712	6.323	ug/L	98
47) Tetrachloroethene	7.979	164	51396	9.572	ug/L	98
48) 2-Hexanone	8.140	43	172125	97.378	ug/L	99
49) Dibromochloromethane	8.246	129	30109	6.081	ug/L	94
50) 1,2-Dibromoethane	8.355	107	24644	6.805	ug/L #	98
51) Chlorobenzene	8.882	112	79287	4.787	ug/L	100
52) Ethylbenzene	9.014	91	118228	4.498	ug/L	97
53) m,p-xylene	9.140	106	45008	4.364	ug/L	97
54) o-xylene	9.545	106	44800	4.630	ug/L	100
55) Styrene	9.564	104	73689	4.445	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.242	83	32173	7.514	ug/L	96
59) Bromoform	9.731	173	18178	6.741	ug/L	97
60) Isopropylbenzene	9.931	105	118901	4.590	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	22638	7.548	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	92938	4.326	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	93107	4.355	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	61954	4.680	ug/L	95
65) 1,4-Dichlorobenzene	11.275	146	63711	4.713	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	61633	5.203	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	4897	7.664	ug/L	92
69) 1,3,5-Trichlorobenzene	12.644	180	43694	4.216	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	37572	4.527	ug/L	99
71) Naphthalene	13.503	128	77068	6.297	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	37728	5.195	ug/L	98

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

Quant Time: Nov 09 04:48:45 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

