

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110521\
 Data File : VW023266.D
 Acq On : 06 Nov 2021 04:50
 Operator : SY/MD
 Sample : M4545-02MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4605MS

Quant Time: Nov 09 04:47:32 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	139028	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	138251	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	75281	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	37959	4.358	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.200%
7) Chloroethane-d5	1.571	69	33751	4.755	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.000%
11) 1,1-Dichloroethene-d2	2.114	63	76050	4.664	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.200%
20) 2-Butanone-d5	3.889	46	99189	66.104	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	132.200%#
24) Chloroform-d	4.352	84	89801	4.838	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.037	65	42086	5.042	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.053	84	171331	4.830	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	6.072	67	50935	4.878	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.317	98	160569	4.830	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
43) trans-1,3-Dichloroprop...	7.625	79	18763	4.739	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%
46) 2-Hexanone-d5	8.088	63	81887	56.210	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.420%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39002	5.194	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	60886	4.857	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	67222	4.959	ug/L	98
3) Chloromethane	1.243	50	60250	5.227	ug/L	98
5) Vinyl chloride	1.314	62	60244	5.233	ug/L	99
6) Bromomethane	1.526	94	28036	3.810	ug/L	97
8) Chloroethane	1.587	64	49240	7.412	ug/L	98
9) Trichlorofluoromethane	1.757	101	87183	5.041	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	44911	5.158	ug/L	98
12) 1,1-Dichloroethene	2.121	96	42776	5.160	ug/L	94
13) Acetone	2.182	43	61851	67.460	ug/L	92
14) Carbon disulfide	2.297	76	154865	4.950	ug/L	100
15) Methyl Acetate	2.439	43	10464	4.033	ug/L	94
16) Methylene chloride	2.510	84	49924	4.126	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	95620	5.239	ug/L	95
18) trans-1,2-Dichloroethene	2.764	96	50806	4.985	ug/L	98
19) 1,1-Dichloroethane	3.191	63	88660	5.152	ug/L	98
21) 2-Butanone	3.976	43	93108	62.812	ug/L	95
22) cis-1,2-Dichloroethene	3.918	96	52761	5.379	ug/L #	86
23) Bromochloromethane	4.252	128	22562	4.988	ug/L	86
25) Chloroform	4.378	83	94034	5.127	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	50676	5.194	ug/L	100
29) 1,1,1-Trichloroethane	4.612	97	83476	4.971	ug/L	99
30) Cyclohexane	4.680	56	72862	4.843	ug/L	97
31) Carbon tetrachloride	4.831	117	74370	4.932	ug/L	99
33) Benzene	5.101	78	199820	5.171	ug/L	100
34) Trichloroethene	5.918	95	58871	5.729	ug/L	97
35) Methylcyclohexane	6.133	83	77138	4.756	ug/L	97
37) 1,2-Dichloropropane	6.175	63	47817	5.301	ug/L	99
38) Bromodichloromethane	6.513	83	61420	5.081	ug/L	97
39) cis-1,3-Dichloropropene	7.030	75	63007	4.856	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	240759	57.545	ug/L	99
42) Toluene	7.391	91	218669	5.291	ug/L	97
44) trans-1,3-Dichloropropene	7.654	75	53819	4.999	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	33439	5.159	ug/L	96
47) Tetrachloroethene	7.976	164	90180	10.126	ug/L	99
48) 2-Hexanone	8.140	43	174169	59.409	ug/L	98
49) Dibromochloromethane	8.249	129	42475	5.172	ug/L	99
50) 1,2-Dibromoethane	8.355	107	30853	5.136	ug/L	96
51) Chlorobenzene	8.882	112	136208	4.958	ug/L	99
52) Ethylbenzene	9.014	91	220783	5.065	ug/L	98
53) m,p-xylene	9.140	106	87166	5.095	ug/L	97
54) o-xylene	9.545	106	83101	5.178	ug/L	100
55) Styrene	9.561	104	138004	5.019	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.242	83	37514	5.282	ug/L	98
59) Bromoform	9.731	173	22211	4.940	ug/L	98
60) Isopropylbenzene	9.931	105	220665	5.108	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	26272	5.254	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	179271	5.005	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	181949	5.103	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	114108	5.170	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	113163	5.020	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	102336	5.181	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	5227	4.906	ug/L	90
69) 1,3,5-Trichlorobenzene	12.644	180	81334	4.706	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	65445	4.729	ug/L	100
71) Naphthalene	13.503	128	96597	4.733	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	59527	4.916	ug/L	99

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

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