

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032023\
 Data File : VV030268.D
 Acq On : 20 Mar 2023 19:34
 Operator : SY/MD
 Sample : 01997-03MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BC9MS

Quant Time: Mar 21 02:59:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 17 22:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	128138	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	124296	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	72502	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	27350	3.299	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.000%
7) Chloroethane-d5	1.539	69	26448	3.398	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.000%
11) 1,1-Dichloroethene-d2	2.066	63	65826	3.862	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.200%
20) 2-Butanone-d5	3.812	46	76496	50.042	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.080%
24) Chloroform-d	4.262	84	70510	4.163	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
26) 1,2-Dichloroethane-d4	4.953	65	35051	5.070	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	4.973	84	117713	3.520	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.400%
36) 1,2-Dichloropropane-d6	5.998	67	35595	3.538	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	70.800%
41) Toluene-d8	7.252	98	116930	3.688	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.800%
43) trans-1,3-Dichloroprop...	7.561	79	14074	4.088	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.800%
46) 2-Hexanone-d5	8.034	63	62713	44.035	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.060%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	29104	4.066	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.400%
66) 1,2-Dichlorobenzene-d4	11.571	152	47763	3.894	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	77.800%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	43291	4.152	ug/L	97
3) Chloromethane	1.217	50	55692	3.390	ug/L	98
5) Vinyl chloride	1.285	62	43716	4.004	ug/L	100
6) Bromomethane	1.494	94	13852	7.068	ug/L	95
8) Chloroethane	1.555	64	28409	4.271	ug/L	99
9) Trichlorofluoromethane	1.719	101	77900	4.973	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	41874	4.310	ug/L	96
12) 1,1-Dichloroethene	2.076	96	36474	4.241	ug/L	94
13) Acetone	2.140	43	62102	54.966	ug/L	64
14) Carbon disulfide	2.249	76	77189	3.355	ug/L	98
15) Methyl Acetate	2.391	43	12314	4.667	ug/L	95
16) Methylene chloride	2.455	84	35720	3.400	ug/L	93
17) Methyl tert-butyl Ether	2.712	73	80780	4.804	ug/L #	92
18) trans-1,2-Dichloroethene	2.703	96	33184	4.057	ug/L	93
19) 1,1-Dichloroethane	3.121	63	70754	4.643	ug/L	97
21) 2-Butanone	3.892	43	79120	52.070	ug/L	90
22) cis-1,2-Dichloroethene	3.825	96	38970	4.310	ug/L	91
23) Bromochloromethane	4.156	128	17562	4.545	ug/L	96
25) Chloroform	4.291	83	78054	4.924	ug/L	100

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

27) 1,2-Dichloroethane	5.053	62	47475	5.725	ug/L #	91
29) 1,1,1-Trichloroethane	4.526	97	72213	4.946	ug/L	96
30) Cyclohexane	4.593	56	48410	3.837	ug/L	98
31) Carbon tetrachloride	4.748	117	64057	4.881	ug/L	98
33) Benzene	5.021	78	147503	4.345	ug/L	100
34) Trichloroethene	5.841	95	38980	4.098	ug/L	97
35) Methylcyclohexane	6.060	83	53293	3.702	ug/L	94
37) 1,2-Dichloropropane	6.105	63	37956	4.395	ug/L	100
38) Bromodichloromethane	6.439	83	53550	4.857	ug/L	99
39) cis-1,3-Dichloropropene	6.963	75	53228	4.210	ug/L	100
40) 4-Methyl-2-pentanone	7.169	43	213708	59.969	ug/L	91
42) Toluene	7.323	91	165964	4.514	ug/L	97
44) trans-1,3-Dichloropropene	7.590	75	45550	4.615	ug/L	100
45) 1,1,2-Trichloroethane	7.777	97	27666	4.477	ug/L	97
47) Tetrachloroethene	7.912	164	44216	5.415	ug/L	100
48) 2-Hexanone	8.085	43	155402	60.913	ug/L	91
49) Dibromochloromethane	8.185	129	33081	4.575	ug/L	99
50) 1,2-Dibromoethane	8.291	107	24650	4.275	ug/L #	98
51) Chlorobenzene	8.822	112	108568	4.379	ug/L	97
52) Ethylbenzene	8.953	91	180165	4.503	ug/L	100
53) m,p-Xylene	9.082	106	69450	4.516	ug/L	100
54) o-Xylene	9.487	106	68720	4.678	ug/L	97
55) Styrene	9.503	104	120829	4.946	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.188	83	32813	4.747	ug/L	97
59) Bromoform	9.674	173	21375	4.919	ug/L	98
60) Isopropylbenzene	9.876	105	191402	4.588	ug/L	98
61) 1,2,3-Trichloropropane	10.217	75	23206	4.782	ug/L	97
62) 1,3,5-Trimethylbenzene	10.484	105	155342	4.533	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	162983	4.649	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	98336	4.527	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	100858	4.602	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	92114	4.803	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.374	75	5591	5.159	ug/L	86
69) 1,3,5-Trichlorobenzene	12.593	180	74329	4.163	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	58824	4.066	ug/L	98
71) Naphthalene	13.448	128	83347	4.409	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	50435	4.235	ug/L	98

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

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