

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041423\
 Data File : VW030560.D
 Acq On : 14 Apr 2023 09:26
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005334

Quant Time: Apr 15 01:51:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 14 05:16:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	124580	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	125851	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	71287	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	47012	5.698	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.000%
7) Chloroethane-d5	1.535	69	37317	4.660	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.066	63	100379	5.127	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.600%
20) 2-Butanone-d5	3.815	46	81651	38.286	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.580%
24) Chloroform-d	4.256	84	91525	4.583	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	4.950	65	44269	4.699	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	4.969	84	158006	4.455	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	5.998	67	47187	4.250	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.000%
41) Toluene-d8	7.249	98	151228	4.644	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	7.561	79	17456	4.176	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.600%
46) 2-Hexanone-d5	8.034	63	64164	38.198	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.400%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	36258	4.143	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.800%
66) 1,2-Dichlorobenzene-d4	11.570	152	53632	4.209	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	66757	4.215	ug/L	99
3) Chloromethane	1.217	50	82507	4.129	ug/L	99
5) Vinyl chloride	1.285	62	65177	4.474	ug/L	98
6) Bromomethane	1.490	94	22777	5.481	ug/L	100
8) Chloroethane	1.555	64	40166	4.813	ug/L	99
9) Trichlorofluoromethane	1.719	101	109351	5.149	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	56157	4.791	ug/L	100
12) 1,1-Dichloroethene	2.072	96	51349	4.933	ug/L	93
13) Acetone	2.143	43	113209	55.512	ug/L	85
14) Carbon disulfide	2.246	76	144480	4.214	ug/L	99
15) Methyl Acetate	2.391	43	18337	5.032	ug/L	93
16) Methylene chloride	2.452	84	58019	4.712	ug/L	96
17) Methyl tert-butyl Ether	2.712	73	96534	4.379	ug/L	98
18) trans-1,2-Dichloroethene	2.699	96	48682	4.439	ug/L	99
19) 1,1-Dichloroethane	3.117	63	100513	4.728	ug/L	98
21) 2-Butanone	3.895	43	124652	48.563	ug/L	99
22) cis-1,2-Dichloroethene	3.825	96	51658	4.694	ug/L	99
23) Bromochloromethane	4.156	128	23502	4.572	ug/L	94
25) Chloroform	4.285	83	104982	4.887	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	65002	5.004	ug/L	98
29) 1,1,1-Trichloroethane	4.519	97	100642	4.975	ug/L	98
30) Cyclohexane	4.593	56	76507	4.152	ug/L	99
31) Carbon tetrachloride	4.744	117	86105	4.691	ug/L	99
33) Benzene	5.018	78	209829	4.694	ug/L	100
34) Trichloroethene	5.841	95	54343	4.508	ug/L	99
35) Methylcyclohexane	6.059	83	81290	4.296	ug/L	98
37) 1,2-Dichloropropane	6.101	63	53423	4.655	ug/L	97
38) Bromodichloromethane	6.439	83	72296	4.811	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	70371	4.361	ug/L	100
40) 4-Methyl-2-pentanone	7.165	43	286631	47.400	ug/L	99
42) Toluene	7.323	91	233061	4.895	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	59886	4.362	ug/L	97
45) 1,1,2-Trichloroethane	7.776	97	36472	4.514	ug/L	99
47) Tetrachloroethene	7.911	164	47925	4.504	ug/L	96
48) 2-Hexanone	8.085	43	226554	50.025	ug/L	98
49) Dibromochloromethane	8.185	129	44432	4.620	ug/L	99
50) 1,2-Dibromoethane	8.291	107	32701	4.448	ug/L	87
51) Chlorobenzene	8.821	112	142345	4.669	ug/L	97
52) Ethylbenzene	8.953	91	239814	4.604	ug/L	99
53) m,p-Xylene	9.082	106	92605	4.644	ug/L	95
54) o-Xylene	9.487	106	87300	4.576	ug/L	97
55) Styrene	9.503	104	160367	4.949	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	43098	4.494	ug/L	99
59) Bromoform	9.670	173	26231	4.553	ug/L	98
60) Isopropylbenzene	9.876	105	247422	4.706	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	28922	4.538	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	194545	4.535	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	204313	4.673	ug/L	99
64) 1,3-Dichlorobenzene	11.123	146	126723	4.834	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	124959	4.731	ug/L	99
67) 1,2-Dichlorobenzene	11.586	146	109809	4.648	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	6792	4.284	ug/L	97
69) 1,3,5-Trichlorobenzene	12.593	180	92759	4.595	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	71892	4.613	ug/L	100
71) Naphthalene	13.448	128	91063	4.091	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	59535	4.410	ug/L	99

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

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