

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031623\
 Data File : VW030227.D
 Acq On : 16 Mar 2023 16:55
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005305

Quant Time: Mar 17 05:49:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 17 05:46:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	147158	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	142603	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	85193	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	42332	4.446	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.000%
7) Chloroethane-d5	1.539	69	37177	4.159	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.200%
11) 1,1-Dichloroethene-d2	2.069	63	86559	4.422	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.400%
20) 2-Butanone-d5	3.815	46	97144	55.336	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.680%
24) Chloroform-d	4.262	84	86631	4.454	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	4.957	65	42107	5.303	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
32) Benzene-d6	4.973	84	160614	4.186	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
36) 1,2-Dichloropropane-d6	5.998	67	47969	4.155	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.200%
41) Toluene-d8	7.252	98	151956	4.178	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
43) trans-1,3-Dichloroprop...	7.561	79	18250	4.621	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.034	63	76056	46.548	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.100%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	36594	4.456	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.200%
66) 1,2-Dichlorobenzene-d4	11.570	152	56956	3.951	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	47345	3.954	ug/L	100
3) Chloromethane	1.217	50	62972	3.338	ug/L	100
5) Vinyl chloride	1.285	62	50110	3.996	ug/L	97
6) Bromomethane	1.494	94	15866	7.049	ug/L	95
8) Chloroethane	1.555	64	31512	4.125	ug/L	93
9) Trichlorofluoromethane	1.719	101	76715	4.264	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	44104	3.953	ug/L	97
12) 1,1-Dichloroethene	2.076	96	37683	3.816	ug/L #	74
13) Acetone	2.140	43	65344	50.360	ug/L #	62
14) Carbon disulfide	2.249	76	90740	3.434	ug/L	99
15) Methyl Acetate	2.391	43	14865	4.905	ug/L	94
16) Methylene chloride	2.455	84	41983	3.480	ug/L	91
17) Methyl tert-butyl Ether	2.715	73	87524	4.532	ug/L #	92
18) trans-1,2-Dichloroethene	2.703	96	36924	3.930	ug/L	93
19) 1,1-Dichloroethane	3.124	63	80015	4.572	ug/L	96
21) 2-Butanone	3.896	43	93475	53.566	ug/L	85
22) cis-1,2-Dichloroethene	3.828	96	42252	4.069	ug/L	89
23) Bromochloromethane	4.162	128	18310	4.126	ug/L	90
25) Chloroform	4.291	83	82831	4.550	ug/L	93

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

27) 1,2-Dichloroethane	5.056	62	49530	5.201	ug/L #	93
29) 1,1,1-Trichloroethane	4.526	97	74016	4.418	ug/L	95
30) Cyclohexane	4.596	56	57486	3.972	ug/L	94
31) Carbon tetrachloride	4.748	117	63906	4.244	ug/L	100
33) Benzene	5.024	78	162447	4.171	ug/L	100
34) Trichloroethene	5.844	95	42814	3.923	ug/L	95
35) Methylcyclohexane	6.063	83	60502	3.663	ug/L	92
37) 1,2-Dichloropropane	6.104	63	43053	4.345	ug/L	100
38) Bromodichloromethane	6.442	83	56334	4.454	ug/L	97
39) cis-1,3-Dichloropropene	6.966	75	56239	3.877	ug/L	96
40) 4-Methyl-2-pentanone	7.169	43	238930	58.439	ug/L #	90
42) Toluene	7.326	91	179618	4.258	ug/L	99
44) trans-1,3-Dichloropropene	7.590	75	47527	4.198	ug/L	97
45) 1,1,2-Trichloroethane	7.780	97	29447	4.154	ug/L	97
47) Tetrachloroethene	7.915	164	34906	3.726	ug/L	99
48) 2-Hexanone	8.085	43	168225	57.474	ug/L	90
49) Dibromochloromethane	8.185	129	34750	4.189	ug/L	97
50) 1,2-Dibromoethane	8.291	107	27189	4.110	ug/L #	99
51) Chlorobenzene	8.825	112	115128	4.047	ug/L	97
52) Ethylbenzene	8.956	91	192410	4.191	ug/L	98
53) m,p-Xylene	9.082	106	73023	4.139	ug/L	97
54) o-Xylene	9.487	106	71143	4.221	ug/L	95
55) Styrene	9.506	104	121864	4.348	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.188	83	35172	4.435	ug/L	98
59) Bromoform	9.673	173	20400	3.995	ug/L	99
60) Isopropylbenzene	9.876	105	200559	4.091	ug/L	98
61) 1,2,3-Trichloropropane	10.217	75	24589	4.312	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	159837	3.970	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	167602	4.069	ug/L	100
64) 1,3-Dichlorobenzene	11.127	146	102722	4.025	ug/L	100
65) 1,4-Dichlorobenzene	11.217	146	103022	4.001	ug/L	99
67) 1,2-Dichlorobenzene	11.590	146	89914	3.990	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	5788	4.545	ug/L	84
69) 1,3,5-Trichlorobenzene	12.593	180	78172	3.726	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	62157	3.657	ug/L	97
71) Naphthalene	13.451	128	83869	3.776	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	52938	3.783	ug/L	98

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

