

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101223\
 Data File : VW032407.D
 Acq On : 12 Oct 2023 09:34
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005282

Quant Time: Oct 12 22:34:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 12 02:54:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	111882	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	121432	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	64525	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	40351	4.435	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.600%
7) Chloroethane-d5	1.532	69	32727	4.431	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.060	65	15563	4.056	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.200%
20) 2-Butanone-d5	3.805	46	100820	43.800	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.600%
24) Chloroform-d	4.252	84	72800	4.535	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	4.947	65	33631	4.423	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
32) Benzene-d6	4.963	84	133537	3.737	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.800%
36) 1,2-Dichloropropane-d6	5.992	67	42261	3.570	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	71.400%
41) Toluene-d8	7.246	98	130816	4.004	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
43) trans-1,3-Dichloroprop...	7.558	79	16361	3.900	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.000%
46) 2-Hexanone-d5	8.027	63	87041	44.098	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.200%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	36285	4.382	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.600%
66) 1,2-Dichlorobenzene-d4	11.564	152	48038	4.012	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	65891	5.285	ug/L	99
3) Chloromethane	1.217	50	63989	5.091	ug/L	100
5) Vinyl chloride	1.281	62	63724	5.316	ug/L	99
6) Bromomethane	1.487	94	35890	4.956	ug/L	98
8) Chloroethane	1.548	64	39610	5.489	ug/L	100
9) Trichlorofluoromethane	1.712	101	78219	5.441	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	48749	5.596	ug/L	98
12) 1,1-Dichloroethene	2.069	96	42925	5.231	ug/L	89
13) Acetone	2.133	43	99567	56.122	ug/L	96
14) Carbon disulfide	2.240	76	132445	4.617	ug/L	99
15) Methyl Acetate	2.384	43	17515	4.385	ug/L	91
16) Methylene chloride	2.449	84	50268	4.699	ug/L	96
17) Methyl tert-butyl Ether	2.706	73	105901	4.741	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	46045	4.899	ug/L	99
19) 1,1-Dichloroethane	3.114	63	87902	4.972	ug/L	97
21) 2-Butanone	3.883	43	137867	49.693	ug/L	98
22) cis-1,2-Dichloroethene	3.818	96	49368	4.878	ug/L	95
23) Bromochloromethane	4.153	128	21638	5.082	ug/L	98
25) Chloroform	4.278	83	89877	5.181	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	51006	4.977	ug/L	100
29) 1,1,1-Trichloroethane	4.513	97	74804	4.531	ug/L	98
30) Cyclohexane	4.584	56	73661	4.060	ug/L	100
31) Carbon tetrachloride	4.735	117	63811	4.568	ug/L	99
33) Benzene	5.011	78	187943	4.396	ug/L	100
34) Trichloroethene	5.834	95	51196	4.387	ug/L	97
35) Methylcyclohexane	6.050	83	82450	4.565	ug/L	94
37) 1,2-Dichloropropane	6.095	63	48224	4.218	ug/L	97
38) Bromodichloromethane	6.436	83	65864	4.848	ug/L	100
39) cis-1,3-Dichloropropene	6.956	75	71005	4.364	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	320165	44.249	ug/L	98
42) Toluene	7.317	91	217242	4.767	ug/L	99
44) trans-1,3-Dichloropropene	7.583	75	58815	4.398	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	37727	4.678	ug/L	98
47) Tetrachloroethene	7.908	164	40155	4.537	ug/L	97
48) 2-Hexanone	8.079	43	236248	46.277	ug/L	99
49) Dibromochloromethane	8.178	129	40226	4.790	ug/L	94
50) 1,2-Dibromoethane	8.284	107	35055	4.595	ug/L	93
51) Chlorobenzene	8.815	112	134278	4.576	ug/L	98
52) Ethylbenzene	8.950	91	230270	4.537	ug/L	100
53) m,p-Xylene	9.075	106	86182	4.579	ug/L	98
54) o-Xylene	9.480	106	81939	4.518	ug/L	99
55) Styrene	9.500	104	143887	4.698	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.181	83	42565	4.796	ug/L	98
59) Bromoform	9.670	173	21417	4.564	ug/L	97
60) Isopropylbenzene	9.870	105	229305	4.573	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	29623	4.313	ug/L	96
62) 1,3,5-Trimethylbenzene	10.480	105	179501	4.392	ug/L	98
63) 1,2,4-Trimethylbenzene	10.853	105	181737	4.466	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	111384	4.649	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	112285	4.672	ug/L	98
67) 1,2-Dichlorobenzene	11.583	146	101175	4.631	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	6053	4.314	ug/L	92
69) 1,3,5-Trichlorobenzene	12.586	180	80173	4.570	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	68193	4.382	ug/L	98
71) Naphthalene	13.445	128	105215	3.980	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	60604	4.520	ug/L	98

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

