

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111823\
 Data File : VW033001.D
 Acq On : 18 Nov 2023 11:45
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050331

Quant Time: Nov 20 01:15:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM111323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 17 00:55:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	405909	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	402961	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	243749	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	132294	38.535	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.080%
7) Chloroethane-d5	1.529	69	98916	34.776	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	69.560%#
11) 1,1-Dichloroethene-d2	2.056	65	49977	33.412	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.820%
21) 2-Butanone-d5	3.780	46	163337	110.996	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.000%
24) Chloroform-d	4.246	84	281537	47.470	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.940%
26) 1,2-Dichloroethane-d4	4.937	65	167702	46.471	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.940%
32) Benzene-d6	4.957	84	521718	47.471	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.940%
36) 1,2-Dichloropropane-d6	5.986	67	159937	50.065	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.120%
41) Toluene-d8	7.239	98	486382	48.001	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	7.551	79	81379	47.985	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.960%
47) 2-Hexanone-d5	8.021	63	132845	113.509	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.510%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	234132	50.031	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.060%
66) 1,2-Dichlorobenzene-d4	11.561	152	214947	45.383	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	204769	58.340	ug/L	100
3) Chloromethane	1.214	50	165255	47.650	ug/L	99
5) Vinyl chloride	1.282	62	155590	44.587	ug/L	98
6) Bromomethane	1.481	94	91750	39.663	ug/L	99
8) Chloroethane	1.545	64	83920	38.082	ug/L	97
9) Trichlorofluoromethane	1.712	101	228539	41.248	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	120983	37.693	ug/L	94
12) 1,1-Dichloroethene	2.069	96	110334	38.429	ug/L	85
13) Acetone	2.108	43	148220	75.448	ug/L	100
14) Carbon disulfide	2.240	76	373253	45.652	ug/L	99
15) Methyl Acetate	2.368	43	126125	54.605	ug/L	96
16) Methylene chloride	2.445	84	146408	47.798	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	138240	48.637	ug/L	96
18) Methyl tert-butyl Ether	2.699	73	420716	50.437	ug/L	99
19) 1,1-Dichloroethane	3.108	63	250952	49.422	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	151018	49.338	ug/L	97
22) 2-Butanone	3.860	43	185714	101.492	ug/L	100
23) Bromochloromethane	4.146	128	82454	47.960	ug/L	99
25) Chloroform	4.272	83	272018	48.547	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	203655	48.184	ug/L	99
29) Cyclohexane	4.580	56	202006	52.164	ug/L	97
30) 1,1,1-Trichloroethane	4.510	97	243518	49.312	ug/L	99
31) Carbon tetrachloride	4.732	117	220475	49.926	ug/L	99
33) Benzene	5.005	78	565088	51.633	ug/L	100
34) Trichloroethene	5.831	95	147543	49.604	ug/L	96
35) Methylcyclohexane	6.050	83	235025	52.431	ug/L	98
37) 1,2-Dichloropropane	6.092	63	142303	52.065	ug/L	100
38) Bromodichloromethane	6.429	83	202754	49.729	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	228133	50.187	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	330401	113.357	ug/L	100
42) Toluene	7.313	91	617190	51.679	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	227253	51.469	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	150397	49.587	ug/L	98
46) Tetrachloroethene	7.905	164	126301	49.362	ug/L	98
48) 2-Hexanone	8.072	43	271746	107.013	ug/L	97
49) Dibromochloromethane	8.175	129	168742	51.644	ug/L	99
50) 1,2-Dibromoethane	8.281	107	157628	48.827	ug/L	100
51) Chlorobenzene	8.812	112	407357	49.239	ug/L	99
52) Ethylbenzene	8.947	91	680580	51.458	ug/L	98
53) m,p-Xylene	9.072	106	268092	52.717	ug/L	98
54) o-Xylene	9.477	106	255255	52.055	ug/L	99
55) Styrene	9.497	104	471801	54.548	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	226909	48.629	ug/L	99
59) Bromoform	9.664	173	130222	50.219	ug/L	99
60) Isopropylbenzene	9.866	105	707487	49.031	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	173697	48.682	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	559425	51.108	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	587030	51.291	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	359840	47.815	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	373961	46.333	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	359784	47.541	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.365	75	47030	47.165	ug/L	95
69) 1,3,5-Trichlorobenzene	12.583	180	270690	47.941	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	246512	48.603	ug/L	100
71) Naphthalene	13.442	128	675168	50.656	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	257257	50.398	ug/L	99

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

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