

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111623\
 Data File : VW032962.D
 Acq On : 16 Nov 2023 08:35
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050329

Quant Time: Nov 17 00:53:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM111323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 14 01:11:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	461788	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	462947	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	263613	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	159245	40.773	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.540%
7) Chloroethane-d5	1.532	69	139427	43.087	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.180%
11) 1,1-Dichloroethene-d2	2.060	65	73540	43.216	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.440%
21) 2-Butanone-d5	3.777	46	130860	78.166	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.170%
24) Chloroform-d	4.246	84	311883	46.223	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.440%
26) 1,2-Dichloroethane-d4	4.937	65	183563	44.711	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.420%
32) Benzene-d6	4.957	84	575185	45.554	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.100%
36) 1,2-Dichloropropane-d6	5.986	67	170332	46.410	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.820%
41) Toluene-d8	7.240	98	547470	47.029	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.060%
43) trans-1,3-Dichloroprop...	7.548	79	91506	46.965	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.920%
47) 2-Hexanone-d5	8.021	63	110033	81.835	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.840%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	232678	43.278	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.560%
66) 1,2-Dichlorobenzene-d4	11.561	152	229599	44.824	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	179816	45.032	ug/L	99
3) Chloromethane	1.217	50	171144	43.376	ug/L	98
5) Vinyl chloride	1.285	62	173545	43.714	ug/L	100
6) Bromomethane	1.487	94	114790	43.619	ug/L	99
8) Chloroethane	1.548	64	108332	43.211	ug/L	97
9) Trichlorofluoromethane	1.712	101	291314	46.215	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	167538	45.881	ug/L	99
12) 1,1-Dichloroethene	2.069	96	147572	45.180	ug/L	98
13) Acetone	2.108	43	156347	69.955	ug/L	99
14) Carbon disulfide	2.240	76	412446	44.341	ug/L	100
15) Methyl Acetate	2.368	43	109892	41.820	ug/L	100
16) Methylene chloride	2.446	84	152933	43.886	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	146170	45.204	ug/L	99
18) Methyl tert-butyl Ether	2.700	73	421612	44.429	ug/L	99
19) 1,1-Dichloroethane	3.108	63	254762	44.101	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	158429	45.496	ug/L	97
22) 2-Butanone	3.857	43	150037	72.073	ug/L	97
23) Bromochloromethane	4.140	128	85931	43.934	ug/L	99
25) Chloroform	4.272	83	288072	45.191	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	212982	44.293	ug/L	100
29) Cyclohexane	4.580	56	209114	47.003	ug/L	100
30) 1,1,1-Trichloroethane	4.510	97	263158	46.384	ug/L	99
31) Carbon tetrachloride	4.732	117	234783	46.277	ug/L	98
33) Benzene	5.005	78	589609	46.893	ug/L	100
34) Trichloroethene	5.828	95	161100	47.144	ug/L	98
35) Methylcyclohexane	6.050	83	250604	48.662	ug/L	98
37) 1,2-Dichloropropane	6.092	63	151065	48.109	ug/L	100
38) Bromodichloromethane	6.429	83	214256	45.741	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	253547	48.551	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	286522	85.565	ug/L	100
42) Toluene	7.313	91	652283	47.541	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	239666	47.247	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	156653	44.957	ug/L	98
46) Tetrachloroethene	7.905	164	135233	46.004	ug/L	98
48) 2-Hexanone	8.072	43	230408	78.977	ug/L	98
49) Dibromochloromethane	8.175	129	173740	46.283	ug/L	96
50) 1,2-Dibromoethane	8.281	107	167650	45.202	ug/L	97
51) Chlorobenzene	8.812	112	435492	45.819	ug/L	97
52) Ethylbenzene	8.944	91	724191	47.660	ug/L	100
53) m,p-Xylene	9.072	106	281910	48.251	ug/L	97
54) o-Xylene	9.477	106	273892	48.618	ug/L	97
55) Styrene	9.493	104	490232	49.335	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	230704	43.036	ug/L	99
59) Bromoform	9.664	173	128414	45.790	ug/L	99
60) Isopropylbenzene	9.866	105	749808	48.049	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	163962	42.491	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	578465	48.865	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	612481	49.482	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	380434	46.742	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	392705	44.989	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	371545	45.396	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	42755	39.647	ug/L	91
69) 1,3,5-Trichlorobenzene	12.583	180	282568	46.274	ug/L	98
70) 1,2,4-trichlorobenzene	13.198	180	253628	46.238	ug/L	100
71) Naphthalene	13.439	128	626441	43.458	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	251474	45.553	ug/L	100

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

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