

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW103123\
 Data File : VW032791.D
 Acq On : 31 Oct 2023 11:44
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050312

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Nov 01 05:39:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 01 05:32:45 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	11/01/2023 Supervised By :Mahesh Dadoda
Internal Standards							11/02/2023
1) 1,4-Difluorobenzene	5.535	114	332279	50.000	ug/L	0.00	
28) Chlorobenzene-d5	8.786	117	363996	50.000	ug/L	0.00	
58) 1,4-Dichlorobenzene-d4	11.188	152	200535	50.000	ug/L	0.00	
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.278	65	142039	44.943	ug/L	0.00	
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.880%	
7) Chloroethane-d5	1.532	69	125300	47.404	ug/L	0.00	
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.800%	
11) 1,1-Dichloroethene-d2	2.059	65	58736	44.995	ug/L	0.00	
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.000%	
21) 2-Butanone-d5	3.783	46	163320	119.139	ug/L	0.00	
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.140%	
24) Chloroform-d	4.249	84	253433	50.239	ug/L	0.00	
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.480%	
26) 1,2-Dichloroethane-d4	4.940	65	166692	53.167	ug/L	0.00	
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.340%	
32) Benzene-d6	4.960	84	485172	51.841	ug/L	0.00	
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.680%	
36) 1,2-Dichloropropane-d6	5.989	67	145996	51.348	ug/L	0.00	
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.700%	
41) Toluene-d8	7.243	98	485446	52.678	ug/L	0.00	
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.360%	
43) trans-1,3-Dichloroprop...	7.554	79	82398	55.644	ug/L	0.00	
Spiked Amount	50.000	Range	60 - 125	Recovery	=	111.280%	
47) 2-Hexanone-d5	8.024	63	127614	122.942	ug/L	0.00	
Spiked Amount	100.000	Range	45 - 130	Recovery	=	122.940%	
56) 1,1,2,2-Tetrachloroeth...	10.152	84	232478	53.881	ug/L	0.00	
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.760%	
66) 1,2-Dichlorobenzene-d4	11.564	152	194813	50.412	ug/L	0.00	
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.820%	
Target Compounds						Qvalue	
2) Dichlorodifluoromethane	1.108	85	125746	43.008	ug/L	98	
3) Chloromethane	1.217	50	130015	45.965	ug/L	98	
5) Vinyl chloride	1.285	62	130441	43.248	ug/L	99	
6) Bromomethane	1.484	94	98519	46.813	ug/L	97	
8) Chloroethane	1.548	64	93886	46.239	ug/L	99	
9) Trichlorofluoromethane	1.712	101	202852	42.204	ug/L	98	
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	124550	42.827	ug/L	99	
12) 1,1-Dichloroethene	2.069	96	109219	43.947	ug/L	94	
13) Acetone	2.111	43	233814	101.899	ug/L	99	
14) Carbon disulfide	2.243	76	282181	47.564	ug/L	99	
15) Methyl Acetate	2.371	43	124818	53.650	ug/L	97	
16) Methylene chloride	2.445	84	146834	44.543	ug/L	99	
17) trans-1,2-Dichloroethene	2.696	96	113606	47.894	ug/L	98	
18) Methyl tert-butyl Ether	2.703	73	397326	56.720	ug/L	99	
19) 1,1-Dichloroethane	3.111	63	212107	46.922	ug/L	98	
20) cis-1,2-Dichloroethene	3.815	96	130613	49.858	ug/L	98	
22) 2-Butanone	3.863	43	207261	106.511	ug/L	100	
23) Bromochloromethane	4.146	128	76766	52.502	ug/L	96	
25) Chloroform	4.278	83	245970	47.741	ug/L	97	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	11/01/2023 Supervised By : Mahesh Dadoda
27) 1,2-Dichloroethane	5.040	62	196967	53.047	ug/L	100	
29) Cyclohexane	4.583	56	154386	47.193	ug/L #	94	
30) 1,1,1-Trichloroethane	4.513	97	196151	44.979	ug/L	99	
31) Carbon tetrachloride	4.738	117	171107	44.401	ug/L	99	11/02/2023
33) Benzene	5.011	78	491812	50.955	ug/L	100	
34) Trichloroethene	5.834	95	123492	45.962	ug/L	97	
35) Methylcyclohexane	6.053	83	203294m	48.355	ug/L		
37) 1,2-Dichloropropane	6.091	63	121028	47.238	ug/L	97	
38) Bromodichloromethane	6.432	83	202898	50.480	ug/L	99	
39) cis-1,3-Dichloropropene	6.956	75	226924	59.039	ug/L	98	
40) 4-Methyl-2-pentanone	7.159	43	364288	119.976	ug/L	99	
42) Toluene	7.317	91	567648	51.643	ug/L	100	
44) trans-1,3-Dichloropropene	7.580	75	219477	55.592	ug/L	99	
45) 1,1,2-Trichloroethane	7.770	97	154538	52.587	ug/L	97	
46) Tetrachloroethene	7.905	164	109491	45.164	ug/L	98	
48) 2-Hexanone	8.075	43	310249	113.883	ug/L	97	
49) Dibromochloromethane	8.178	129	159745	51.994	ug/L	99	
50) 1,2-Dibromoethane	8.284	107	161642	53.990	ug/L	98	
51) Chlorobenzene	8.815	112	375285	48.227	ug/L	98	
52) Ethylbenzene	8.947	91	604057	49.819	ug/L	99	
53) m,p-Xylene	9.075	106	234069	50.723	ug/L	99	
54) o-Xylene	9.480	106	231089	51.691	ug/L	96	
55) Styrene	9.496	104	417166	53.545	ug/L	100	
57) 1,1,2,2-Tetrachloroethane	10.178	83	237713	54.009	ug/L	100	
59) Bromoform	9.667	173	118585	52.742	ug/L	100	
60) Isopropylbenzene	9.869	105	618652	50.870	ug/L	100	
61) 1,2,3-Trichloropropane	10.210	75	176563	52.712	ug/L	99	
62) 1,3,5-Trimethylbenzene	10.477	105	497188	51.953	ug/L	99	
63) 1,2,4-Trimethylbenzene	10.853	105	493229	53.878	ug/L	98	
64) 1,3-Dichlorobenzene	11.117	146	310307	48.978	ug/L	99	
65) 1,4-Dichlorobenzene	11.210	146	326111	48.783	ug/L	99	
67) 1,2-Dichlorobenzene	11.580	146	315919	48.844	ug/L	98	
68) 1,2-Dibromo-3-chloropr...	12.368	75	45552	52.254	ug/L	96	
69) 1,3,5-Trichlorobenzene	12.583	180	222746	48.701	ug/L	99	
70) 1,2,4-trichlorobenzene	13.201	180	205692	52.002	ug/L	99	
71) Naphthalene	13.442	128	633568	64.142	ug/L	99	
72) 1,2,3-Trichlorobenzene	13.683	180	215570	54.585	ug/L	98	

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

Manual Integrations

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