

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW080422\
 Data File : VW027211.D
 Acq On : 04 Aug 2022 14:51
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050328

Quant Time: Aug 05 02:23:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 05 02:15:32 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Semsettin
 Yesilyurt

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							08/05/2022
1) 1,4-Difluorobenzene	5.609	114	375139	50.000	ug/L	# 0.00	Supervised By : Mahesh
28) Chlorobenzene-d5	8.850	117	384818	50.000	ug/L	0.00	adoda
58) 1,4-Dichlorobenzene-d4	11.246	152	204077	50.000	ug/L	0.00	
System Monitoring Compounds							08/05/2022
4) Vinyl Chloride-d3	1.301	65	107711	42.114	ug/L	0.00	
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.220%	
7) Chloroethane-d5	1.558	69	86636	46.335	ug/L	0.00	
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.680%	
11) 1,1-Dichloroethene-d2	2.101	63	202367	43.257	ug/L	0.00	
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.520%	
21) 2-Butanone-d5	3.870	46	230477	101.238	ug/L	0.00	
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.240%	
24) Chloroform-d	4.339	84	234480	44.757	ug/L	0.00	
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.520%	
26) 1,2-Dichloroethane-d4	5.024	65	148911	45.780	ug/L	0.00	
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.560%	
32) Benzene-d6	5.040	84	394315	42.729	ug/L	0.00	
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.460%	
36) 1,2-Dichloropropane-d6	6.063	67	142965	43.552	ug/L	0.00	
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.100%	
41) Toluene-d8	7.310	98	352099	44.763	ug/L	0.00	
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.520%	
43) trans-1,3-Dichloroprop...	7.619	79	68106	47.599	ug/L	0.00	
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.200%	
47) 2-Hexanone-d5	8.085	63	159900	101.136	ug/L	0.00	
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.140%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	243089	45.441	ug/L	0.00	
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.880%	
66) 1,2-Dichlorobenzene-d4	11.622	152	161798	45.910	ug/L	0.00	
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.820%	
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.127	85	169555	50.808	ug/L	99	
3) Chloromethane	1.236	50	183817	48.215	ug/L	99	
5) Vinyl chloride	1.307	62	183453	48.304	ug/L	100	
6) Bromomethane	1.510	94	88010	49.157	ug/L	100	
8) Chloroethane	1.574	64	106466	50.319	ug/L	99	
9) Trichlorofluoromethane	1.744	101	241148	49.486	ug/L	99	
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	136008	50.333	ug/L	97	
12) 1,1-Dichloroethene	2.111	96	124015	47.710	ug/L	82	
13) Acetone	2.159	43	162367	92.493	ug/L	88	
14) Carbon disulfide	2.285	76	449489	50.809	ug/L	100	
15) Methyl Acetate	2.423	43	192124	48.119	ug/L	# 83	
16) Methylene chloride	2.497	84	168002	48.386	ug/L	85	
17) trans-1,2-Dichloroethene	2.751	96	144287	50.161	ug/L	91	
18) Methyl tert-butyl Ether	2.764	73	444989	52.015	ug/L	# 95	
19) 1,1-Dichloroethane	3.178	63	279755	48.447	ug/L	98	
20) cis-1,2-Dichloroethene	3.899	96	152452	51.019	ug/L	84	
22) 2-Butanone	3.953	43	256904	106.747	ug/L	98	
23) Bromochloromethane	4.236	128	83351	49.951	ug/L	85	
25) Chloroform	4.365	83	279070	47.822	ug/L	98	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
27) 1,2-Dichloroethane	5.120	62	223147m	49.098	ug/L		08/05/2022
29) Cyclohexane	4.667	56	233745	52.742	ug/L	94	Supervised By :Mahesh
30) 1,1,1-Trichloroethane	4.600	97	242738	47.591	ug/L	97	Dadoda
31) Carbon tetrachloride	4.818	117	212391	47.962	ug/L	98	
33) Benzene	5.088	78	611040	49.412	ug/L	100	
34) Trichloroethene	5.905	95	156694	49.487	ug/L	97	
35) Methylcyclohexane	6.124	83	258761	55.576	ug/L	92	08/05/2022
37) 1,2-Dichloropropane	6.165	63	156693	45.229	ug/L	98	
38) Bromodichloromethane	6.503	83	216622	47.721	ug/L	98	
39) cis-1,3-Dichloropropene	7.021	75	240155	52.333	ug/L	99	
40) 4-Methyl-2-pentanone	7.220	43	504620	102.102	ug/L #	91	
42) Toluene	7.381	91	659520	52.454	ug/L	99	
44) trans-1,3-Dichloropropene	7.644	75	237011	52.556	ug/L	99	
45) 1,1,2-Trichloroethane	7.834	97	157593	47.197	ug/L	97	
46) Tetrachloroethene	7.972	164	117100	50.528	ug/L	98	
48) 2-Hexanone	8.136	43	402084	102.149	ug/L #	88	
49) Dibromochloromethane	8.239	129	166826	47.264	ug/L	99	
50) 1,2-Dibromoethane	8.349	107	164974	48.017	ug/L	99	
51) Chlorobenzene	8.876	112	414916	49.199	ug/L	96	
52) Ethylbenzene	9.008	91	678111	52.267	ug/L	99	
53) m,p-Xylene	9.133	106	265646	54.178	ug/L	96	
54) o-Xylene	9.542	106	253368	53.040	ug/L	98	
55) Styrene	9.558	104	460569	54.732	ug/L	97	
57) 1,1,2,2-Tetrachloroethane	10.236	83	264013	47.197	ug/L	100	
59) Bromoform	9.728	173	109664	45.229	ug/L	100	
60) Isopropylbenzene	9.927	105	667164	51.876	ug/L	98	
61) 1,2,3-Trichloropropane	10.268	75	210204	44.866	ug/L	97	
62) 1,3,5-Trimethylbenzene	10.538	105	558297	52.566	ug/L	99	
63) 1,2,4-Trimethylbenzene	10.911	105	558594	53.688	ug/L	98	
64) 1,3-Dichlorobenzene	11.178	146	312684	50.164	ug/L	99	
65) 1,4-Dichlorobenzene	11.268	146	324447	49.459	ug/L	99	
67) 1,2-Dichlorobenzene	11.641	146	318786	48.811	ug/L	100	
68) 1,2-Dibromo-3-chloropr...	12.426	75	57800	43.974	ug/L	91	
69) 1,3,5-Trichlorobenzene	12.641	180	215531	51.482	ug/L	99	
70) 1,2,4-trichlorobenzene	13.258	180	184540	53.072	ug/L	99	
71) Naphthalene	13.500	128	636251	53.438	ug/L	99	
72) 1,2,3-Trichlorobenzene	13.741	180	206884	53.679	ug/L	99	

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

