

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW080422\
 Data File : VW027215.D
 Acq On : 04 Aug 2022 18:45
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050329

Quant Time: Aug 05 03:57:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 05 02:29:34 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/05/2022
 Supervised By :Mahesh Dadoda 08/05/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	316748	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	8.850	117	320835	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	164956	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	75173	34.810	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.620%
7) Chloroethane-d5	1.558	69	71981m	45.594	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.180%
11) 1,1-Dichloroethene-d2	2.105	63	147651	37.379	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.760%
21) 2-Butanone-d5	3.867	46	234717	122.106	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	122.110%
24) Chloroform-d	4.342	84	214745	48.546	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.100%
26) 1,2-Dichloroethane-d4	5.027	65	143450	52.231	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.460%
32) Benzene-d6	5.047	84	351414	45.675	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.340%
36) 1,2-Dichloropropane-d6	6.066	67	132933	48.572	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.140%
41) Toluene-d8	7.313	98	288505	43.993	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.980%
43) trans-1,3-Dichloroprop...	7.619	79	59271	49.686	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.380%
47) 2-Hexanone-d5	8.085	63	157353	119.373	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.370%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	240711	53.971	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.940%
66) 1,2-Dichlorobenzene-d4	11.622	152	137410	48.237	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.480%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	100719	35.744	ug/L	100
3) Chloromethane	1.236	50	160565	49.880	ug/L	98
5) Vinyl chloride	1.307	62	131098	40.882	ug/L	99
6) Bromomethane	1.510	94	82944	54.867	ug/L	100
8) Chloroethane	1.577	64	89212	49.937	ug/L	100
9) Trichlorofluoromethane	1.748	101	156296	37.986	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	86381	37.861	ug/L	97
12) 1,1-Dichloroethene	2.111	96	91242	41.573	ug/L	88
13) Acetone	2.156	43	170802	115.235	ug/L	87
14) Carbon disulfide	2.288	76	317179	42.462	ug/L	100
15) Methyl Acetate	2.423	43	190620	56.543	ug/L	# 83
16) Methylene chloride	2.500	84	155580	53.069	ug/L	85
17) trans-1,2-Dichloroethene	2.754	96	116268	47.872	ug/L	89
18) Methyl tert-butyl Ether	2.764	73	419576	58.086	ug/L	# 94
19) 1,1-Dichloroethane	3.182	63	245712	50.396	ug/L	98
20) cis-1,2-Dichloroethene	3.905	96	136182	53.976	ug/L	84
22) 2-Butanone	3.950	43	262765	129.309	ug/L	99
23) Bromochloromethane	4.243	128	75379	53.502	ug/L	84
25) Chloroform	4.368	83	258602	52.483	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	217513m	56.681	ug/L	
29) Cyclohexane	4.674	56	146606	39.677	ug/L	93
30) 1,1,1-Trichloroethane	4.600	97	188963	44.436	ug/L	94
31) Carbon tetrachloride	4.821	117	155244	42.049	ug/L	100
33) Benzene	5.095	78	535542	51.943	ug/L	100
34) Trichloroethene	5.911	95	122102	46.252	ug/L	97
35) Methylcyclohexane	6.127	83	150098	38.667	ug/L	91
37) 1,2-Dichloropropane	6.169	63	159274	55.142	ug/L	99
38) Bromodichloromethane	6.506	83	196699	51.974	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	200541	52.415	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	501556	121.720	ug/L #	91
42) Toluene	7.384	91	531649	50.717	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	206449	54.908	ug/L	100
45) 1,1,2-Trichloroethane	7.834	97	150780	54.162	ug/L	97
46) Tetrachloroethene	7.972	164	82162	42.523	ug/L	97
48) 2-Hexanone	8.136	43	408530	124.484	ug/L #	89
49) Dibromochloromethane	8.243	129	155212	52.744	ug/L	99
50) 1,2-Dibromoethane	8.349	107	157500	54.983	ug/L	98
51) Chlorobenzene	8.879	112	343528	48.857	ug/L	96
52) Ethylbenzene	9.011	91	516997	47.796	ug/L	99
53) m,p-Xylene	9.136	106	203455	49.769	ug/L	96
54) o-Xylene	9.542	106	201455	50.583	ug/L	96
55) Styrene	9.558	104	382991	54.589	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.239	83	257457	55.204	ug/L	98
59) Bromoform	9.728	173	105141	53.647	ug/L	99
60) Isopropylbenzene	9.931	105	480733	46.244	ug/L	98
61) 1,2,3-Trichloropropane	10.271	75	208101	54.951	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	404407	47.107	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	421965	50.174	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	250678	49.754	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	258736	48.796	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	269110	50.977	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	58809	55.353	ug/L	86
69) 1,3,5-Trichlorobenzene	12.644	180	162487	48.016	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	139453	49.617	ug/L	99
71) Naphthalene	13.500	128	553679	57.532	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	167678	53.825	ug/L	100

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

