

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032621\
 Data File : VW020789.D
 Acq On : 27 Mar 2021 04:22
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05094

Quant Time: Mar 27 08:26:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 27 08:21:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	647214	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	642369	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	362054	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	197666	43.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.04%
7) Chloroethane-d5	1.571	69	156139	44.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.90%
11) 1,1-Dichloroethene-d2	2.111	63	407898	47.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.10%
21) 2-Butanone-d5	3.889	46	290239	97.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.09%
24) Chloroform-d	4.352	84	459049	50.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.52%
26) 1,2-Dichloroethane-d4	5.037	65	306972	51.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.04%
32) Benzene-d6	5.053	84	822372	48.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.06%
36) 1,2-Dichloropropane-d6	6.076	67	251400	47.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.64%
41) Toluene-d8	7.320	98	785161	49.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.52%
43) trans-1,3-Dichloroprop...	7.625	79	135148	48.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.64%
47) 2-Hexanone-d5	8.092	63	223388	101.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.36%
57) 1,1,2,2-Tetrachloroeth...	10.223	84	371925	48.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.14%
64) 1,2-Dichlorobenzene-d4	11.632	152	340872	48.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.02%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	289754	47.78	ug/L	99
3) Chloromethane	1.243	50	217065	44.84	ug/L	100
5) Vinyl chloride	1.314	62	228538	46.22	ug/L	100
6) Bromomethane	1.526	94	154320	49.50	ug/L	99
8) Chloroethane	1.587	64	135752	47.52	ug/L	100
9) Trichlorofluoromethane	1.754	101	424761	50.25	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	203544	50.10	ug/L	97
12) 1,1-Dichloroethene	2.121	96	188841	50.00	ug/L	96
13) Acetone	2.182	43	187743	88.07	ug/L	99
14) Carbon disulfide	2.298	76	582054	46.60	ug/L	99
15) Methyl Acetate	2.436	43	214386	48.17	ug/L	96
16) Methylene chloride	2.510	84	229870	49.91	ug/L	95
17) trans-1,2-Dichloroethene	2.764	96	217541	50.23	ug/L	97
18) Methyl tert-butyl Ether	2.770	73	689844	51.37	ug/L	100
19) 1,1-Dichloroethane	3.195	63	407975	50.70	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	237334	51.22	ug/L	98
22) 2-Butanone	3.973	43	299891	96.11	ug/L	90
23) Bromochloromethane	4.252	128	129842	52.05	ug/L	92
25) Chloroform	4.378	83	447236	52.26	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	361687	52.90	ug/L	100
29) Cyclohexane	4.683	56	340143	46.82	ug/L	96
30) 1,1,1-Trichloroethane	4.613	97	422855	53.22	ug/L	99
31) Carbon tetrachloride	4.834	117	372902	52.55	ug/L	100
33) Benzene	5.104	78	904581	51.06	ug/L	100
34) Trichloroethene	5.918	95	246530	50.76	ug/L	99
35) Methylcyclohexane	6.137	83	349896	46.95	ug/L	98
37) 1,2-Dichloropropane	6.178	63	227885	49.05	ug/L	98
38) Bromodichloromethane	6.513	83	332838	51.01	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	359383	50.10	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	616282	98.91	ug/L	99
42) Toluene	7.391	91	994055	51.62	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	365818	50.65	ug/L	100
45) 1,1,2-Trichloroethane	7.844	97	235713	51.57	ug/L	98
46) Tetrachloroethene	7.979	164	204933	50.55	ug/L	99
48) 2-Hexanone	8.143	43	473849	99.62	ug/L	98
49) Dibromochloromethane	8.249	129	281210	52.82	ug/L	100
50) 1,2-Dibromoethane	8.355	107	249481	50.96	ug/L	99
51) Chlorobenzene	8.886	112	652433	50.47	ug/L	100
52) Ethylbenzene	9.018	91	1129466	51.39	ug/L	100
53) m,p-Xylene	9.143	106	427278	52.27	ug/L	100
54) o-xylene	9.548	106	416977	52.93	ug/L	98
55) Styrene	9.564	104	742555	53.64	ug/L	100
56) Isopropylbenzene	9.937	105	1135771	52.35	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.246	83	370156	49.65	ug/L	98
59) 1,2,3-Trichloropropane	10.278	75	313669	51.70	ug/L	98
61) Bromoform	9.738	173	213886	52.03	ug/L	99
62) 1,3-Dichlorobenzene	11.188	146	564936	51.13	ug/L	99
63) 1,4-Dichlorobenzene	11.278	146	578844	50.37	ug/L	99
65) 1,2-Dichlorobenzene	11.648	146	564219	51.82	ug/L	99
66) 1,2-Dibromo-3-chloropr...	12.435	75	93067	50.55	ug/L	95
67) 1,3,5-Trichlorobenzene	12.654	180	425715	49.71	ug/L	99
68) 1,2,4-trichlorobenzene	13.268	180	379280	52.23	ug/L	99
69) Naphthalene	13.509	128	1151085	55.38	ug/L	100
70) 1,2,3-Trichlorobenzene	13.750	180	385762	53.05	ug/L	99

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

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