

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040821\
 Data File : VV020962.D
 Acq On : 08 Apr 2021 10:14
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05077

Quant Time: Apr 09 06:24:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 08 05:10:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	628131	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	603600	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	350951	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	191096	42.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.70%
7) Chloroethane-d5	1.568	69	147308	43.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.38%
11) 1,1-Dichloroethene-d2	2.108	63	379001	45.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.10%
21) 2-Butanone-d5	3.892	46	218013	75.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	75.14%
24) Chloroform-d	4.349	84	424736	47.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.84%
26) 1,2-Dichloroethane-d4	5.031	65	274486	47.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.02%
32) Benzene-d6	5.050	84	764228	47.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.069	67	208344	42.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.36%
41) Toluene-d8	7.317	98	760763	50.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.60%
43) trans-1,3-Dichloroprop...	7.622	79	126419	48.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.20%
47) 2-Hexanone-d5	8.088	63	173276	83.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.67%
57) 1,1,2,2-Tetrachloroeth...	10.220	84	303933	42.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.48%
64) 1,2-Dichlorobenzene-d4	11.632	152	347920	51.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.16%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	270718	46.00	ug/L	99
3) Chloromethane	1.240	50	169210	36.02	ug/L	97
5) Vinyl chloride	1.311	62	199694	41.61	ug/L	98
6) Bromomethane	1.523	94	156074	51.59	ug/L	99
8) Chloroethane	1.587	64	122438	44.16	ug/L	99
9) Trichlorofluoromethane	1.751	101	440576	53.71	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	219456	55.66	ug/L	91
12) 1,1-Dichloroethene	2.118	96	191777	52.32	ug/L	87
13) Acetone	2.185	43	229660	111.01	ug/L	99
14) Carbon disulfide	2.294	76	554944	45.78	ug/L	99
15) Methyl Acetate	2.433	43	167959	38.89	ug/L #	90
16) Methylene chloride	2.507	84	211046	47.21	ug/L	85
17) trans-1,2-Dichloroethene	2.761	96	212530	50.56	ug/L	94
18) Methyl tert-butyl Ether	2.767	73	663456	50.91	ug/L	97
19) 1,1-Dichloroethane	3.188	63	361707	46.32	ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	225781	50.20	ug/L	90
22) 2-Butanone	3.973	43	268432	88.64	ug/L	88
23) Bromochloromethane	4.249	128	132510	54.74	ug/L #	79
25) Chloroform	4.375	83	429309	51.69	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	339524	51.17	ug/L	100
29) Cyclohexane	4.677	56	298024	43.65	ug/L	88
30) 1,1,1-Trichloroethane	4.609	97	432399	57.92	ug/L	97
31) Carbon tetrachloride	4.828	117	405525	60.82	ug/L	100
33) Benzene	5.098	78	817945	49.13	ug/L	100
34) Trichloroethene	5.915	95	248340	54.42	ug/L	89
35) Methylcyclohexane	6.133	83	355354	50.75	ug/L	93
37) 1,2-Dichloropropane	6.175	63	191552	43.88	ug/L #	96
38) Bromodichloromethane	6.510	83	327555	53.42	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	349831	51.90	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	478965	81.81	ug/L #	92
42) Toluene	7.391	91	945705	52.26	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	357033	52.60	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	218939	50.98	ug/L	97
46) Tetrachloroethene	7.976	164	222417	58.39	ug/L	98
48) 2-Hexanone	8.140	43	398809	89.23	ug/L #	93
49) Dibromochloromethane	8.249	129	293283	58.62	ug/L	100
50) 1,2-Dibromoethane	8.355	107	248316	53.98	ug/L #	98
51) Chlorobenzene	8.883	112	651002	53.59	ug/L	97
52) Ethylbenzene	9.014	91	1085962	52.59	ug/L	97
53) m,p-Xylene	9.140	106	425980	55.46	ug/L	93
54) o-xylene	9.548	106	414398	55.98	ug/L	95
55) Styrene	9.564	104	724730	55.72	ug/L	97
56) Isopropylbenzene	9.934	105	1146014	56.21	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.246	83	314337	44.87	ug/L	97
59) 1,2,3-Trichloropropane	10.278	75	282586	49.56	ug/L	99
61) Bromoform	9.735	173	233835	58.69	ug/L	100
62) 1,3-Dichlorobenzene	11.185	146	572289	53.44	ug/L	99
63) 1,4-Dichlorobenzene	11.278	146	578784	51.96	ug/L	99
65) 1,2-Dichlorobenzene	11.648	146	578024	54.76	ug/L	98
66) 1,2-Dibromo-3-chloropr...	12.435	75	83204	46.63	ug/L #	80
67) 1,3,5-Trichlorobenzene	12.651	180	467158	56.27	ug/L	99
68) 1,2,4-trichlorobenzene	13.268	180	393298	55.88	ug/L	100
69) Naphthalene	13.509	128	1062034	52.71	ug/L	99
70) 1,2,3-Trichlorobenzene	13.751	180	399381	56.66	ug/L	98

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

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