

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081121\
 Data File : VX023660.D
 Acq On : 11 Aug 2021 19:38
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050684

Quant Time: Aug 12 01:30:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML081121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 11 12:02:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	332964	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	305222	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	140508	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	83044	47.850	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.700%
7) Chloroethane-d5	1.660	69	71818	50.374	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.740%
11) 1,1-Dichloroethene-d2	2.307	63	187138	49.641	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.280%
21) 2-Butanone-d5	4.465	46	184217	110.099	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.100%
24) Chloroform-d	5.068	84	201966	51.393	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.780%
26) 1,2-Dichloroethane-d4	5.971	65	134393	49.888	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.780%
32) Benzene-d6	5.983	84	395407	51.426	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.860%
36) 1,2-Dichloropropane-d6	7.318	67	124427	51.433	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.860%
41) Toluene-d8	8.653	98	382369	51.638	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.280%
43) trans-1,3-Dichloroprop...	8.952	79	56582	49.423	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.840%
47) 2-Hexanone-d5	9.391	63	134301	115.469	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.470%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	165813	51.451	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.900%
66) 1,2-Dichlorobenzene-d4	12.323	152	128777	52.228	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.460%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	101927	49.262	ug/L	99
3) Chloromethane	1.295	50	98889	50.240	ug/L	97
5) Vinyl chloride	1.374	62	100579	50.292	ug/L	99
6) Bromomethane	1.599	94	62986	50.693	ug/L	99
8) Chloroethane	1.685	64	63526	50.120	ug/L	96
9) Trichlorofluoromethane	1.886	101	170102	50.731	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	98231	50.145	ug/L	97
12) 1,1-Dichloroethene	2.319	96	87694	51.758	ug/L	85
13) Acetone	2.386	43	122352	83.057	ug/L	94
14) Carbon disulfide	2.514	76	161027	47.275	ug/L	100
15) Methyl Acetate	2.709	43	130953	53.343	ug/L	92
16) Methylene chloride	2.794	84	106708	50.584	ug/L	89
17) trans-1,2-Dichloroethene	3.099	96	90901	50.677	ug/L	99
18) Methyl tert-butyl Ether	3.123	73	344779	51.861	ug/L	96
19) 1,1-Dichloroethane	3.617	63	189643	51.873	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	113676	52.452	ug/L	96
22) 2-Butanone	4.568	43	198443	98.857	ug/L	92
23) Bromochloromethane	4.910	128	60200	52.555	ug/L	97
25) Chloroform	5.105	83	205561	52.049	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.099	62	169147	53.102	ug/L	96
29) Cyclohexane	5.477	56	151531	51.592	ug/L	98
30) 1,1,1-Trichloroethane	5.397	97	174427	52.902	ug/L	97
31) Carbon tetrachloride	5.684	117	145316	52.483	ug/L	99
33) Benzene	6.044	78	422612	53.012	ug/L	100
34) Trichloroethene	7.129	95	111220	52.154	ug/L	98
35) Methylcyclohexane	7.385	83	157213	51.326	ug/L	99
37) 1,2-Dichloropropane	7.440	63	114923	52.544	ug/L	98
38) Bromodichloromethane	7.830	83	145017	53.151	ug/L	100
39) cis-1,3-Dichloropropene	8.373	75	170995	53.401	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	400438	113.610	ug/L	91
42) Toluene	8.726	91	468279	52.976	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	169951	52.699	ug/L	98
45) 1,1,2-Trichloroethane	9.159	97	121194	54.539	ug/L	96
46) Tetrachloroethene	9.275	164	86297	53.328	ug/L	97
48) 2-Hexanone	9.433	43	310451	109.068	ug/L #	89
49) Dibromochloromethane	9.525	129	119240	53.180	ug/L	99
50) 1,2-Dibromoethane	9.616	107	124561	54.749	ug/L	98
51) Chlorobenzene	10.086	112	308936	52.609	ug/L	96
52) Ethylbenzene	10.195	91	504287	52.118	ug/L	97
53) m,p-Xylene	10.305	106	192273	52.110	ug/L	100
54) o-Xylene	10.647	106	194623	52.954	ug/L	93
55) Styrene	10.659	104	328674	53.088	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.213	83	177192	52.461	ug/L	99
59) Bromoform	10.805	173	81248	53.927	ug/L	96
60) Isopropylbenzene	10.964	105	517152	54.231	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	154175	54.550	ug/L	99
62) 1,3,5-Trimethylbenzene	11.457	105	421925	54.676	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	423573	53.985	ug/L	100
64) 1,3-Dichlorobenzene	11.976	146	215954	51.839	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	214155	51.641	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	218734	53.490	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	35955	54.637	ug/L	98
69) 1,3,5-Trichlorobenzene	13.116	180	150160	52.217	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	130049	52.513	ug/L	97
71) Naphthalene	13.780	128	491372	57.232	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	138022	54.101	ug/L	98

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

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