

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081121\
 Data File : VX023642.D
 Acq On : 11 Aug 2021 09:44
 Operator : JC/MD
 Sample : VSTD05008
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050608

Quant Time: Aug 11 11:48:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML081121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 11 11:44:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	343774	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	318864	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	153953	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	91282	37.752	ug/L	0.00
7) Chloroethane-d5	1.666	69	76213	41.442	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	63	201179	43.959	ug/L	0.00
21) 2-Butanone-d5	4.465	46	181362	91.722	ug/L	0.00
24) Chloroform-d	5.068	84	210172	45.589	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.964	65	142516	46.613	ug/L	0.00
32) Benzene-d6	5.983	84	421071	43.579	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	131842	43.382	ug/L	0.00
41) Toluene-d8	8.653	98	407468	45.802	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	63286	42.752	ug/L	0.00
47) 2-Hexanone-d5	9.391	63	134025	91.011	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	179603	43.297	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	140442	45.723	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	111501	45.331	ug/L	98
3) Chloromethane	1.294	50	106506	44.173	ug/L	99
5) Vinyl chloride	1.374	62	109482	42.071	ug/L	98
6) Bromomethane	1.599	94	70110	53.180	ug/L	100
8) Chloroethane	1.685	64	67212	43.299	ug/L	98
9) Trichlorofluoromethane	1.886	101	181875	48.629	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	105143	47.299	ug/L	96
12) 1,1-Dichloroethene	2.319	96	93392	44.516	ug/L #	79
13) Acetone	2.386	43	155002	105.112	ug/L	93
14) Carbon disulfide	2.514	76	183118	32.039	ug/L	99
15) Methyl Acetate	2.709	43	134077	47.521	ug/L	92
16) Methylene chloride	2.794	84	111955	43.248	ug/L	89
17) trans-1,2-Dichloroethene	3.093	96	96925	42.451	ug/L	92
18) Methyl tert-butyl Ether	3.123	73	361829	46.001	ug/L	96
19) 1,1-Dichloroethane	3.617	63	199388	46.219	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	119446	45.548	ug/L	99
22) 2-Butanone	4.568	43	219273	98.553	ug/L	90
23) Bromochloromethane	4.910	128	62070	49.994	ug/L	98
25) Chloroform	5.105	83	215138	48.367	ug/L	99
27) 1,2-Dichloroethane	6.092	62	175917	49.990	ug/L #	93
29) Cyclohexane	5.477	56	162555	40.122	ug/L	98
30) 1,1,1-Trichloroethane	5.391	97	181617	47.193	ug/L	98
31) Carbon tetrachloride	5.684	117	154129	48.208	ug/L	98
33) Benzene	6.044	78	440685	44.274	ug/L	100
34) Trichloroethene	7.129	95	117058	45.877	ug/L	95
35) Methylcyclohexane	7.385	83	173072	41.963	ug/L	98
37) 1,2-Dichloropropane	7.440	63	122544	47.111	ug/L	98
38) Bromodichloromethane	7.830	83	151739	47.034	ug/L	100
39) cis-1,3-Dichloropropene	8.372	75	181533	45.882	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	404337	98.494	ug/L	91
42) Toluene	8.720	91	497999	46.745	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	182596	46.725	ug/L	100

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45) 1,1,2-Trichloroethane	9.159	97	123908	49.270	ug/L	97
46) Tetrachloroethene	9.275	164	91312	51.906	ug/L	94
48) 2-Hexanone	9.433	43	324206	98.485	ug/L #	89
49) Dibromochloromethane	9.525	129	128156	52.962	ug/L	96
50) 1,2-Dibromoethane	9.616	107	127716	49.302	ug/L	99
51) Chlorobenzene	10.086	112	325350	48.190	ug/L	96
52) Ethylbenzene	10.195	91	541662	45.840	ug/L	98
53) m,p-Xylene	10.305	106	209717	46.278	ug/L	100
54) o-Xylene	10.646	106	207886	47.193	ug/L	97
55) Styrene	10.659	104	356124	47.959	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	192993	47.548	ug/L	100
59) Bromoform	10.805	173	89197	55.806	ug/L	98
60) Isopropylbenzene	10.963	105	556824	45.972	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	166442	47.715	ug/L	99
62) 1,3,5-Trimethylbenzene	11.457	105	456680	44.998	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	463157	45.179	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	243565	49.000	ug/L	96
65) 1,4-Dichlorobenzene	12.043	146	240297	48.251	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	237111	47.547	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	38241	44.347	ug/L	99
69) 1,3,5-Trichlorobenzene	13.115	180	166938	51.496	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	145009	49.871	ug/L	98
71) Naphthalene	13.780	128	524436	44.620	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	148588	50.800	ug/L	97

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

