

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102821\
 Data File : VX024997.D
 Acq On : 28 Oct 2021 10:50
 Operator : JC/MD
 Sample : VSTD01024
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010624

Manual Integrations
 APPROVED

MMDadoda
 11/1/2021 12:57:57 PM

Quant Time: Oct 28 11:50:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 28 11:48:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	173688	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	10.055	117	158924	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	72866	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	12240	15.971	ug/L	0.00
7) Chloroethane-d5	1.672	69	8712	16.746	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.312	63	28133	12.466	ug/L	0.00
21) 2-Butanone-d5	4.471	46	22600	30.271	ug/L	0.00
24) Chloroform-d	5.068	84	29908	10.460	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.964	65	23519	12.640	ug/L	0.00
32) Benzene-d6	5.982	84	48035	11.151	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	16007	11.906	ug/L	0.00
41) Toluene-d8	8.653	98	44184	10.244	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.951	79	8324	9.933	ug/L	0.00
47) 2-Hexanone-d5	9.390	63	15483m	24.267	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	21545	10.870	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	15385	10.244	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	16311	10.265	ug/L	96
3) Chloromethane	1.288	50	11529	19.174	ug/L	86
5) Vinyl chloride	1.374	62	12941	16.896	ug/L	100
6) Bromomethane	1.617	94	8552	14.778	ug/L	100
8) Chloroethane	1.691	64	7273	17.288	ug/L	100
9) Trichlorofluoromethane	1.892	101	29297	12.382	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	12731	10.235	ug/L	# 88
12) 1,1-Dichloroethene	2.319	96	11473	11.360	ug/L	# 58
13) Acetone	2.392	43	21986	37.532	ug/L	93
14) Carbon disulfide	2.514	76	28633	11.132	ug/L	97
15) Methyl Acetate	2.709	43	15882	16.978	ug/L	# 81
16) Methylene chloride	2.794	84	12560	11.036	ug/L	# 60
17) trans-1,2-Dichloroethene	3.099	96	10831	10.070	ug/L	87
18) Methyl tert-butyl Ether	3.117	73	44375	10.631	ug/L	# 88
19) 1,1-Dichloroethane	3.617	63	25753	12.337	ug/L	93
20) cis-1,2-Dichloroethene	4.495	96	12604	10.087	ug/L	77
22) 2-Butanone	4.562	43	26381m	35.900	ug/L	
23) Bromochloromethane	4.910	128	6553m	9.778	ug/L	
25) Chloroform	5.105	83	29527	11.046	ug/L	85
27) 1,2-Dichloroethane	6.092	62	25635	12.132	ug/L	99
29) Cyclohexane	5.476	56	20573	13.136	ug/L	# 78
30) 1,1,1-Trichloroethane	5.391	97	26191	9.748	ug/L	# 91
31) Carbon tetrachloride	5.684	117	22773	9.636	ug/L	99
33) Benzene	6.043	78	49493	11.190	ug/L	100
34) Trichloroethene	7.135	95	14823	10.460	ug/L	92
35) Methylcyclohexane	7.385	83	20907	10.880	ug/L	# 83
37) 1,2-Dichloropropane	7.433	63	13428	12.004	ug/L	100
38) Bromodichloromethane	7.824	83	20271	10.366	ug/L	94
39) cis-1,3-Dichloropropene	8.372	75	21562	10.899	ug/L	90
40) 4-Methyl-2-pentanone	8.580	43	42526	31.168	ug/L	# 79
42) Toluene	8.720	91	53267	10.519	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	21373	10.214	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	13412	10.745	ug/L	93
46) Tetrachloroethene	9.281	164	8968	9.176	ug/L	89
48) 2-Hexanone	9.433	43	37590	35.035	ug/L #	77
49) Dibromochloromethane	9.525	129	13722	8.898	ug/L	83
50) 1,2-Dibromoethane	9.616	107	14627	10.252	ug/L #	96
51) Chlorobenzene	10.085	112	31786	9.944	ug/L	89
52) Ethylbenzene	10.195	91	58852	10.043	ug/L	96
53) m,p-Xylene	10.305	106	20607	9.817	ug/L	100
54) o-Xylene	10.646	106	20048	9.774	ug/L	95
55) Styrene	10.659	104	33367	9.798	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	20712	10.632	ug/L	99
59) Bromoform	10.799	173	9129	10.054	ug/L	98
60) Isopropylbenzene	10.963	105	56154	10.260	ug/L	96
61) 1,2,3-Trichloropropane	11.244	75	19012	12.002	ug/L	92
62) 1,3,5-Trimethylbenzene	11.457	105	47667	9.973	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	47626	9.999	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	21430	9.544	ug/L	94
65) 1,4-Dichlorobenzene	12.042	146	22572	9.962	ug/L	95
67) 1,2-Dichlorobenzene	12.335	146	22284	9.861	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.945	75	5901	11.558	ug/L #	80
69) 1,3,5-Trichlorobenzene	13.115	180	15275	9.731	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	11789	8.851	ug/L	99
71) Naphthalene	13.780	128	40221	8.751	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	12817	9.355	ug/L	93

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

