

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102821\
 Data File : VX024999.D
 Acq On : 28 Oct 2021 11:37
 Operator : JC/MD
 Sample : VSTD10026
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD100626

Manual Integrations
 APPROVED

MMDadoda
 11/1/2021 12:58:02 PM

Quant Time: Oct 28 12:09:59 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	162080	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	10.055	117	146357	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	75013	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	107099	149.755	ug/L	0.00
7) Chloroethane-d5	1.666	69	68264	140.614	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.313	63	272572	129.429	ug/L	0.00
21) 2-Butanone-d5	4.471	46	215536	309.373	ug/L	0.00
24) Chloroform-d	5.068	84	282884	106.026	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.964	65	204354	117.689	ug/L	0.00
32) Benzene-d6	5.983	84	433158	109.193	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	150775	121.776	ug/L	0.00
41) Toluene-d8	8.653	98	416521	104.857	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	88594	114.798	ug/L	0.00
47) 2-Hexanone-d5	9.391	63	160041m	272.380	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	205281	112.467	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	148392	95.981	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	158712	107.040	ug/L	99
3) Chloromethane	1.288	50	110166	196.337	ug/L	90
5) Vinyl chloride	1.374	62	126644	177.191	ug/L	96
6) Bromomethane	1.618	94	80693	149.429	ug/L	97
8) Chloroethane	1.685	64	61145	155.751	ug/L	97
9) Trichlorofluoromethane	1.886	101	283241	128.286	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	127469	109.815	ug/L	92
12) 1,1-Dichloroethene	2.319	96	107351	113.902	ug/L	# 59
13) Acetone	2.392	43	196900	360.194	ug/L	89
14) Carbon disulfide	2.514	76	303822	126.582	ug/L	100
15) Methyl Acetate	2.709	43	153546m	175.902	ug/L	
16) Methylene chloride	2.794	84	123627m	116.408	ug/L	
17) trans-1,2-Dichloroethene	3.099	96	114334	113.912	ug/L	88
18) Methyl tert-butyl Ether	3.117	73	468117	120.175	ug/L	# 89
19) 1,1-Dichloroethane	3.617	63	256586	131.726	ug/L	92
20) cis-1,2-Dichloroethene	4.495	96	130540	111.950	ug/L	# 63
22) 2-Butanone	4.568	43	251860	367.285	ug/L	77
23) Bromochloromethane	4.910	128	63419	101.410	ug/L	# 60
25) Chloroform	5.099	83	284314	113.980	ug/L	99
27) 1,2-Dichloroethane	6.099	62	251754	127.675	ug/L	98
29) Cyclohexane	5.483	56	220759	153.059	ug/L	# 76
30) 1,1,1-Trichloroethane	5.391	97	276574	111.776	ug/L	# 93
31) Carbon tetrachloride	5.684	117	239445	110.015	ug/L	100
33) Benzene	6.044	78	495758	121.712	ug/L	100
34) Trichloroethene	7.129	95	147649	113.135	ug/L	97
35) Methylcyclohexane	7.385	83	217413	122.858	ug/L	# 85
37) 1,2-Dichloropropane	7.434	63	139591	135.500	ug/L	# 95
38) Bromodichloromethane	7.824	83	217841	120.961	ug/L	# 99
39) cis-1,3-Dichloropropene	8.373	75	236133	129.610	ug/L	97
40) 4-Methyl-2-pentanone	8.580	43	441006	350.979	ug/L	# 81
42) Toluene	8.726	91	551306	118.217	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	251830	130.685	ug/L	95

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45) 1,1,2-Trichloroethane	9.153	97	130587	113.604	ug/L	97
46) Tetrachloroethene	9.275	164	93538	103.921	ug/L	97
48) 2-Hexanone	9.433	43	357886	362.205	ug/L #	80
49) Dibromochloromethane	9.525	129	155271	109.330	ug/L	96
50) 1,2-Dibromoethane	9.616	107	145777	110.946	ug/L	97
51) Chlorobenzene	10.086	112	322241	109.470	ug/L	91
52) Ethylbenzene	10.195	91	642908	119.135	ug/L	99
53) m,p-Xylene	10.305	106	219519	113.556	ug/L	99
54) o-Xylene	10.646	106	219610	116.257	ug/L	93
55) Styrene	10.659	104	369818	117.925	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	211749	118.029	ug/L	95
59) Bromoform	10.805	173	103397	110.614	ug/L	97
60) Isopropylbenzene	10.963	105	625734	111.053	ug/L	97
61) 1,2,3-Trichloropropane	11.244	75	188179	115.399	ug/L	92
62) 1,3,5-Trimethylbenzene	11.457	105	544487	110.662	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	539404	110.006	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	244847	105.925	ug/L	95
65) 1,4-Dichlorobenzene	12.043	146	246762	105.789	ug/L	97
67) 1,2-Dichlorobenzene	12.341	146	245858	105.682	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	63668	121.134	ug/L #	85
69) 1,3,5-Trichlorobenzene	13.116	180	176421	109.175	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	157639	114.968	ug/L	99
71) Naphthalene	13.780	128	567848	120.012	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	158558	112.417	ug/L	97

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

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