

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102821\
 Data File : VX024998.D
 Acq On : 28 Oct 2021 11:14
 Operator : JC/MD
 Sample : VSTD05025
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050625

Manual Integrations
 APPROVED

MMDadoda
 11/1/2021 12:58:25 PM

Quant Time: Oct 28 11:51:10 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	175081	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	10.055	117	157595	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	77517	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	60445	78.243	ug/L	0.00
7) Chloroethane-d5	1.666	69	40824	77.847	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.313	63	143173	62.936	ug/L	0.00
21) 2-Butanone-d5	4.471	46	117701	156.399	ug/L	0.00
24) Chloroform-d	5.068	84	154650	53.659	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	109808	58.543	ug/L	0.00
32) Benzene-d6	5.983	84	235814	55.206	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	81661	61.252	ug/L	0.00
41) Toluene-d8	8.653	98	223458	52.243	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	47686	57.384	ug/L	0.00
47) 2-Hexanone-d5	9.391	63	83567m	132.084	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	111560	56.762	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	80665	50.490	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	83980	52.433	ug/L	99
3) Chloromethane	1.288	50	58450	96.434	ug/L	89
5) Vinyl chloride	1.374	62	66757	86.466	ug/L	99
6) Bromomethane	1.612	94	42317	72.544	ug/L	92
8) Chloroethane	1.691	64	35644	84.052	ug/L	98
9) Trichlorofluoromethane	1.892	101	149159	62.541	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	67437	53.783	ug/L	91
12) 1,1-Dichloroethene	2.319	96	55248	54.267	ug/L	# 52
13) Acetone	2.392	43	108569	183.860	ug/L	92
14) Carbon disulfide	2.514	76	152151	58.684	ug/L	97
15) Methyl Acetate	2.709	43	78529m	83.282	ug/L	
16) Methylene chloride	2.794	84	60629	52.849	ug/L	# 67
17) trans-1,2-Dichloroethene	3.093	96	57877	53.381	ug/L	79
18) Methyl tert-butyl Ether	3.117	73	239456	56.909	ug/L	# 89
19) 1,1-Dichloroethane	3.617	63	132987	63.203	ug/L	93
20) cis-1,2-Dichloroethene	4.495	96	64312	51.058	ug/L	72
22) 2-Butanone	4.568	43	134469	181.533	ug/L	77
23) Bromochloromethane	4.904	128	33344	49.359	ug/L	# 65
25) Chloroform	5.099	83	147665	54.802	ug/L	97
27) 1,2-Dichloroethane	6.092	62	131638	61.802	ug/L	98
29) Cyclohexane	5.477	56	114014	73.412	ug/L	# 76
30) 1,1,1-Trichloroethane	5.385	97	143038	53.686	ug/L	# 92
31) Carbon tetrachloride	5.684	117	121307	51.761	ug/L	98
33) Benzene	6.044	78	254214	57.961	ug/L	100
34) Trichloroethene	7.129	95	76585	54.498	ug/L	94
35) Methylcyclohexane	7.385	83	112322	58.946	ug/L	# 84
37) 1,2-Dichloropropane	7.434	63	74061	66.764	ug/L	# 97
38) Bromodichloromethane	7.824	83	111610	57.555	ug/L	93
39) cis-1,3-Dichloropropene	8.373	75	119043	60.682	ug/L	94
40) 4-Methyl-2-pentanone	8.580	43	235299	173.911	ug/L	# 79
42) Toluene	8.720	91	282805	56.318	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	126499	60.964	ug/L	96

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45) 1,1,2-Trichloroethane	9.159	97	67189	54.283	ug/L	98
46) Tetrachloroethene	9.275	164	48709	50.257	ug/L	97
48) 2-Hexanone	9.433	43	191348	179.848	ug/L #	80
49) Dibromochloromethane	9.525	129	79368	51.900	ug/L	97
50) 1,2-Dibromoethane	9.616	107	74979	52.995	ug/L	95
51) Chlorobenzene	10.086	112	165638	52.257	ug/L	94
52) Ethylbenzene	10.195	91	329413	56.690	ug/L	99
53) m,p-Xylene	10.305	106	112936	54.255	ug/L	99
54) o-Xylene	10.646	106	109533	53.850	ug/L	88
55) Styrene	10.659	104	187682	55.579	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	111431	57.682	ug/L	93
59) Bromoform	10.805	173	52265	54.107	ug/L #	98
60) Isopropylbenzene	10.964	105	320723	55.082	ug/L	97
61) 1,2,3-Trichloropropane	11.244	75	98263	58.312	ug/L	92
62) 1,3,5-Trimethylbenzene	11.457	105	279967	55.063	ug/L	97
63) 1,2,4-Trimethylbenzene	11.756	105	277912	54.846	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	123222	51.586	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	124965	51.843	ug/L	94
67) 1,2-Dichlorobenzene	12.335	146	127397	52.993	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.945	75	32926	60.621	ug/L	85
69) 1,3,5-Trichlorobenzene	13.116	180	89214	53.425	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	77594	54.762	ug/L	98
71) Naphthalene	13.780	128	284215	58.127	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	80380	55.148	ug/L	98

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

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